

FIG. 1

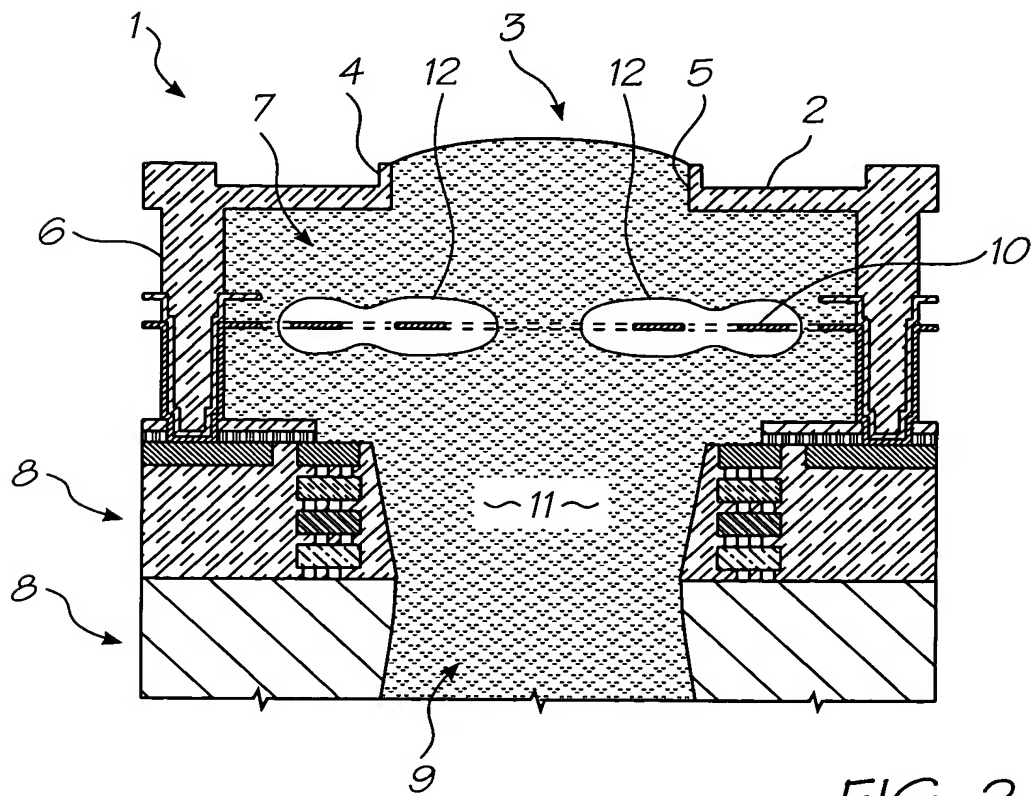


FIG. 2

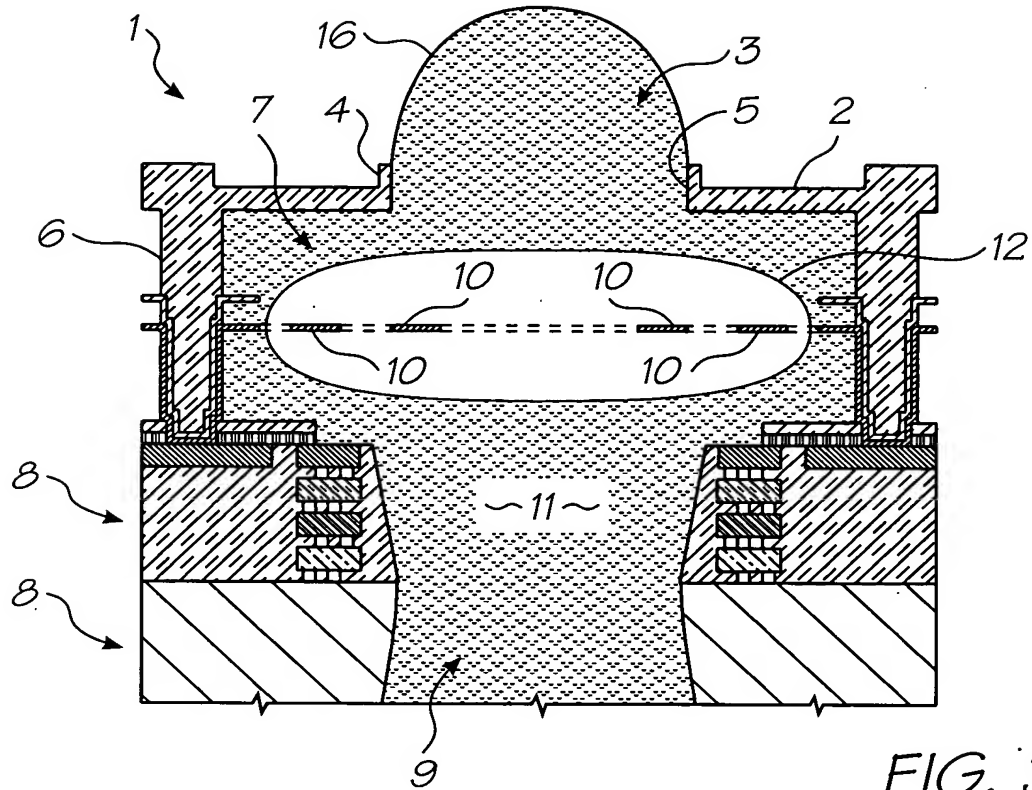


FIG. 3

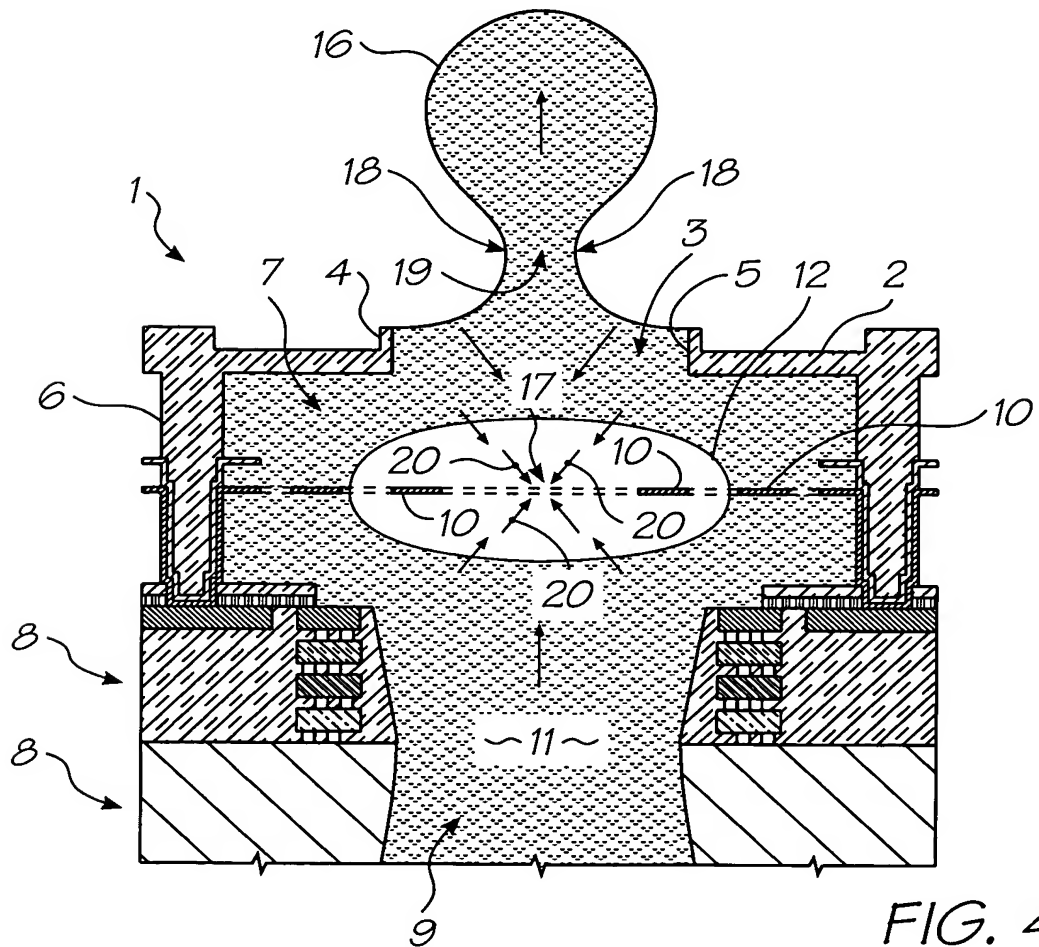
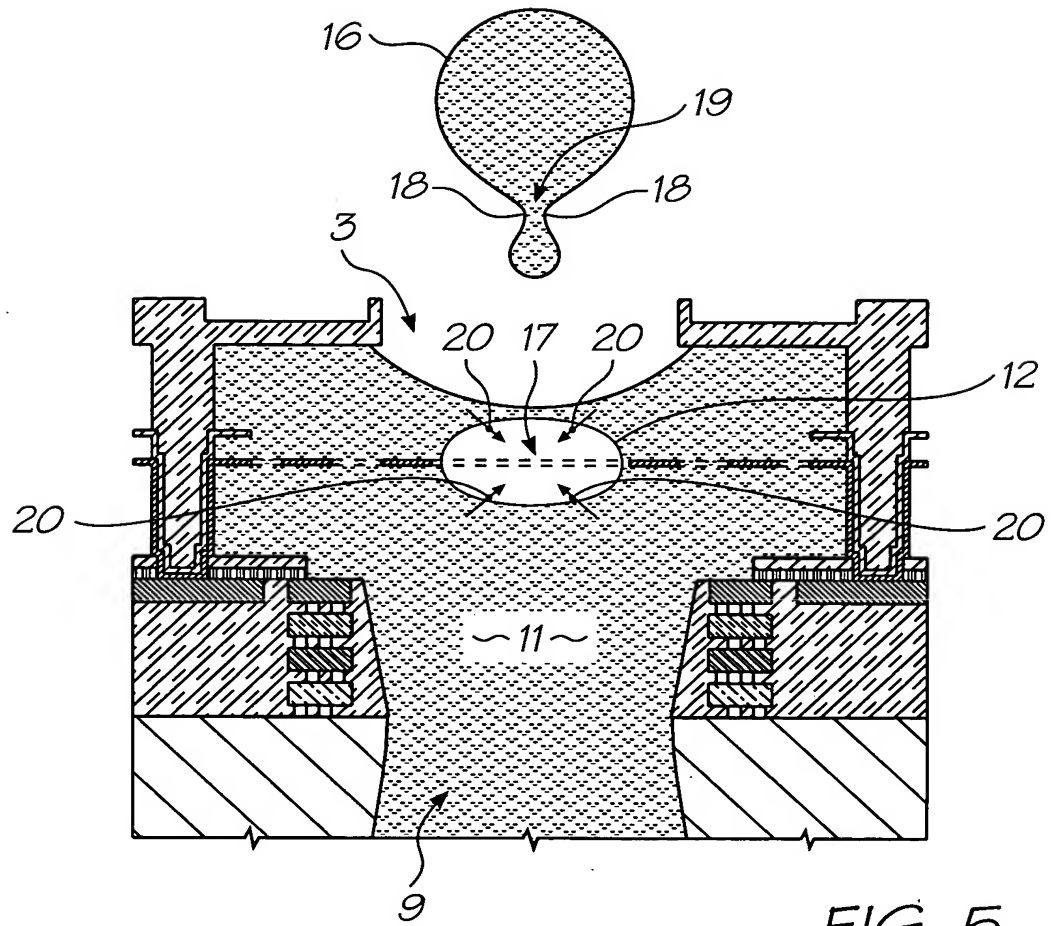


FIG. 4



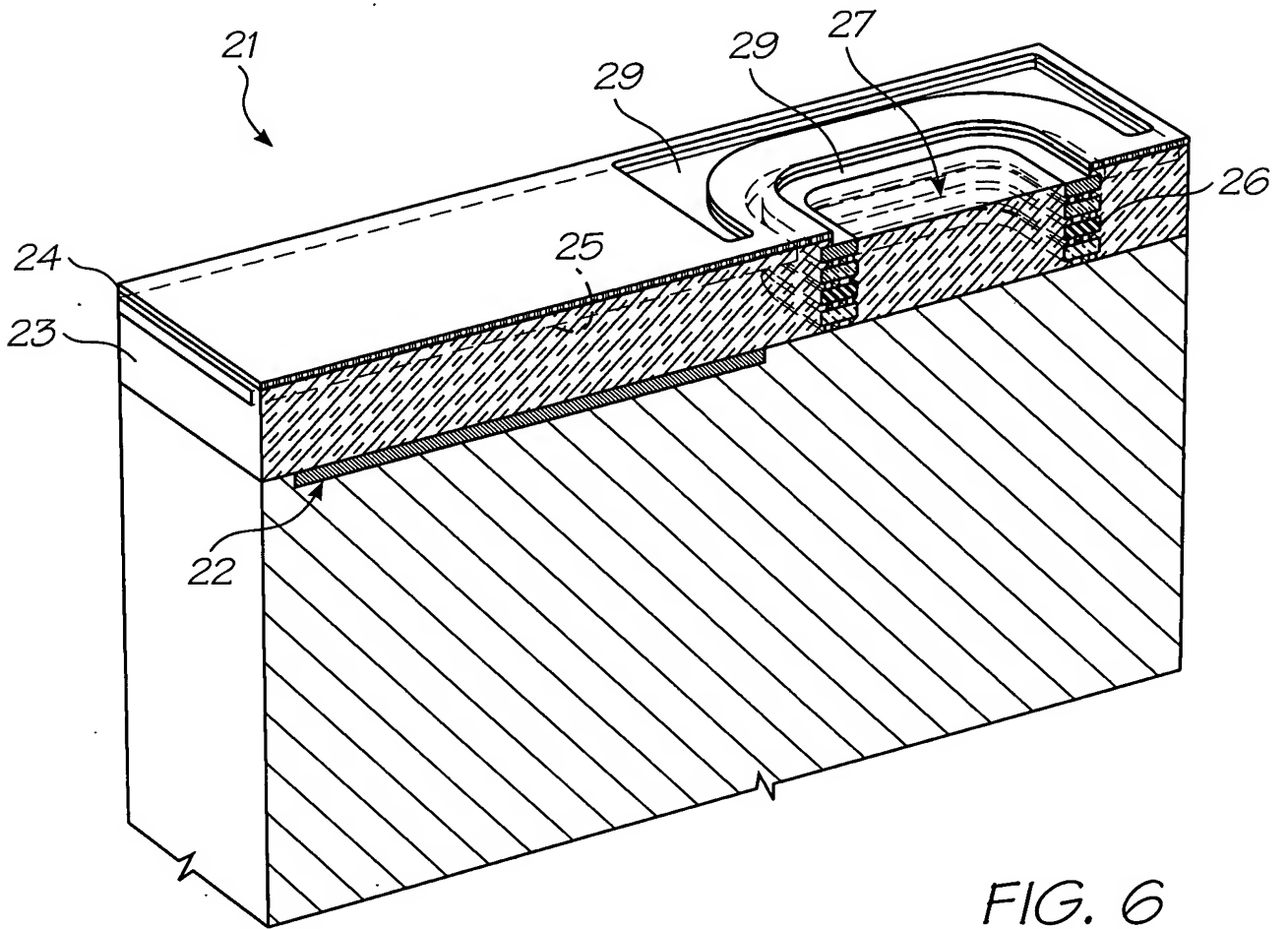


FIG. 6

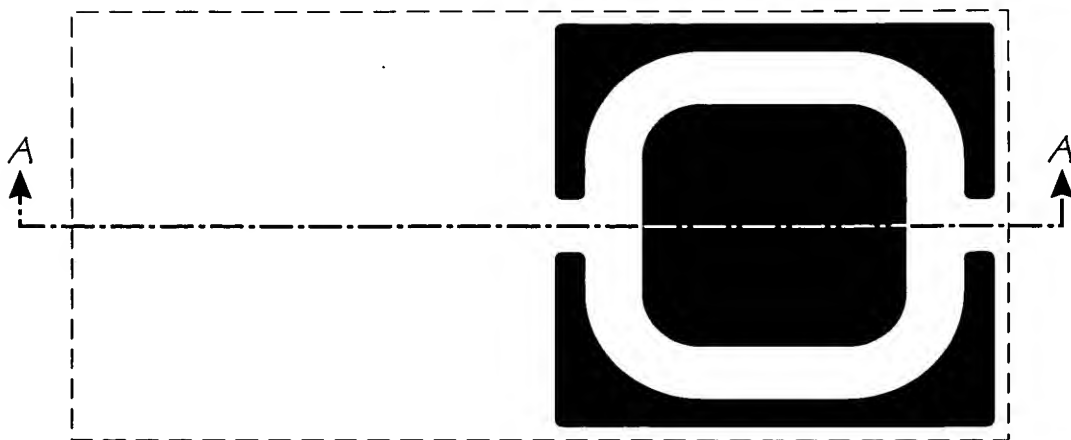


FIG. 7

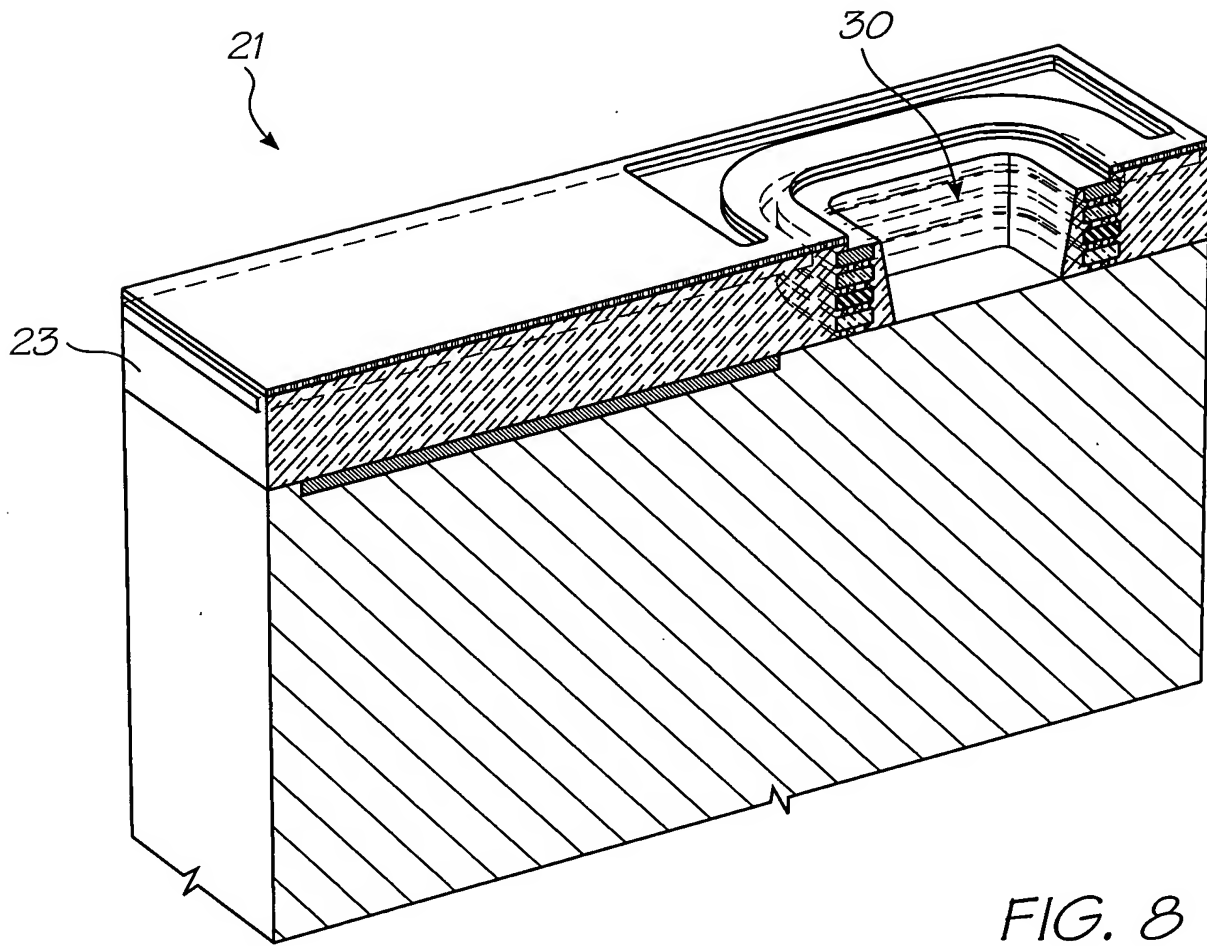


FIG. 8

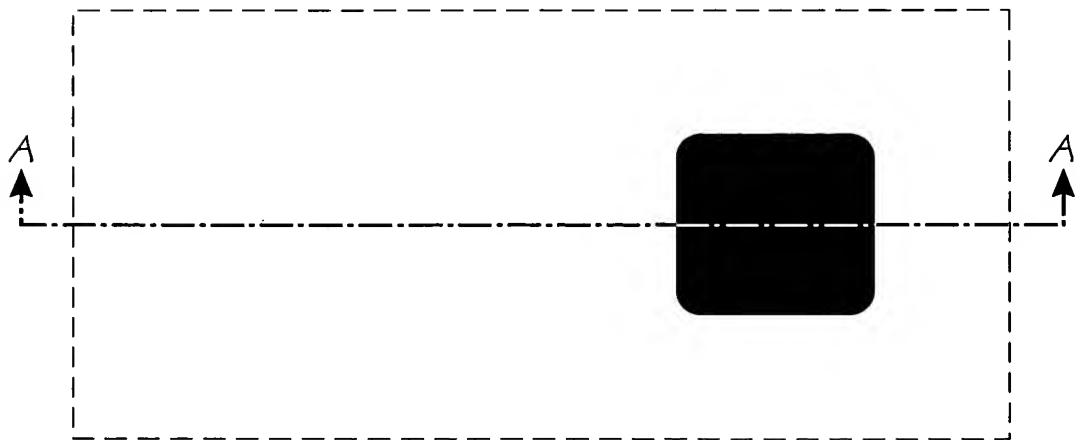


FIG. 9

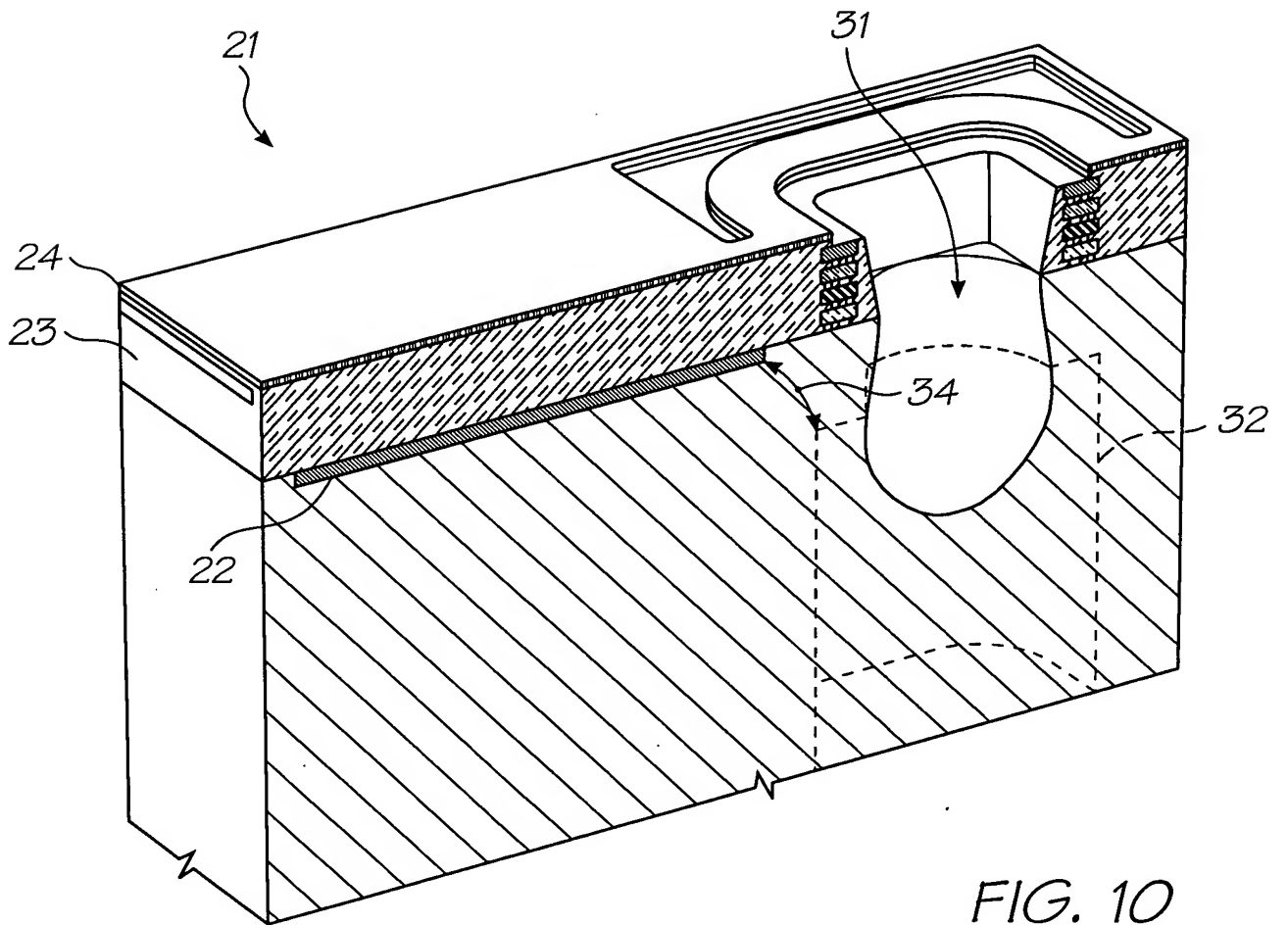


FIG. 10

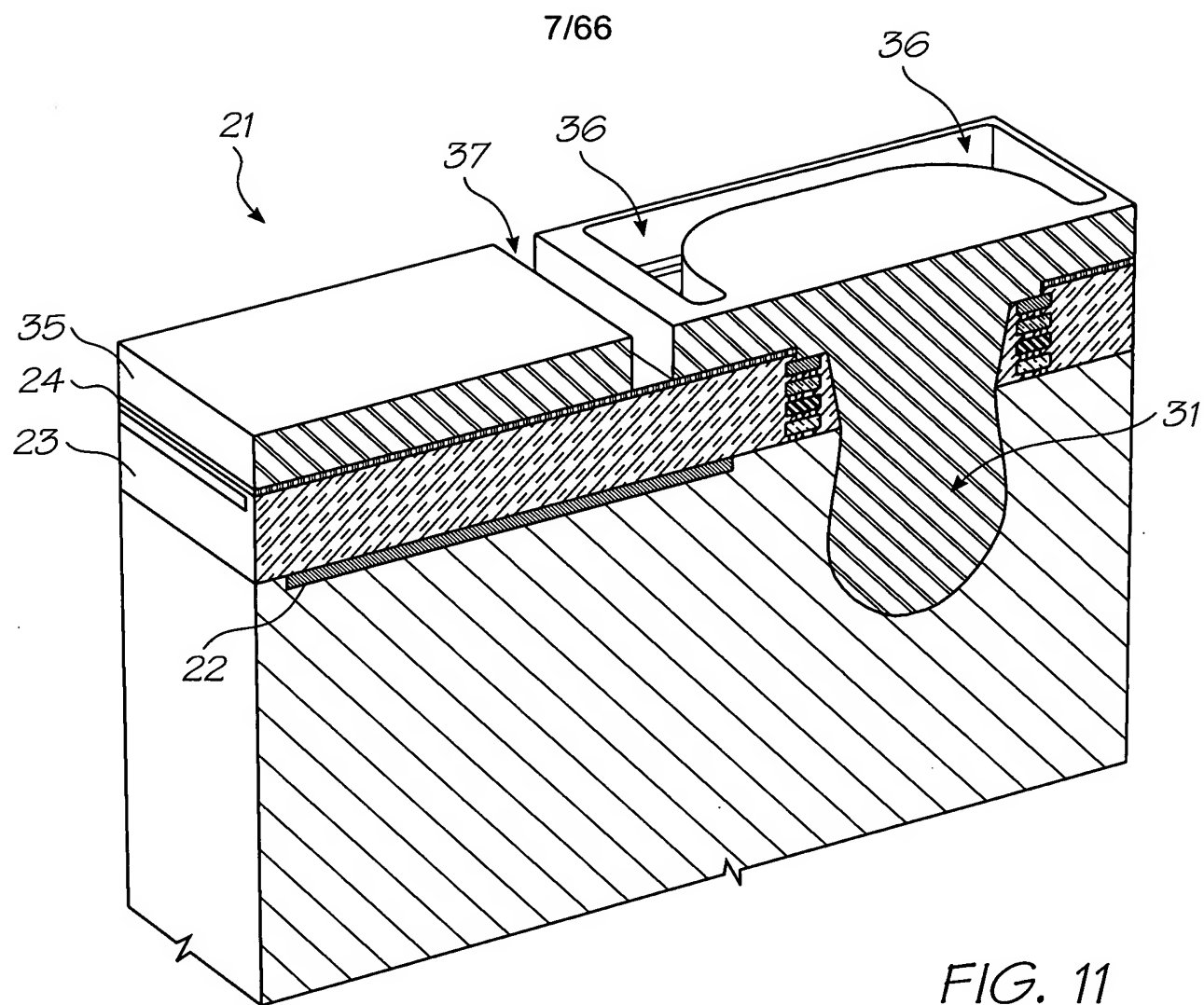


FIG. 11

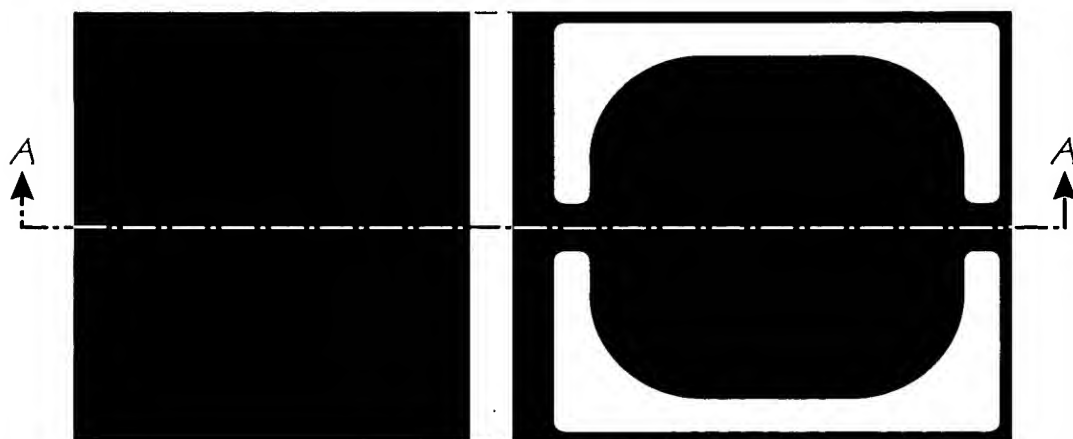


FIG. 12

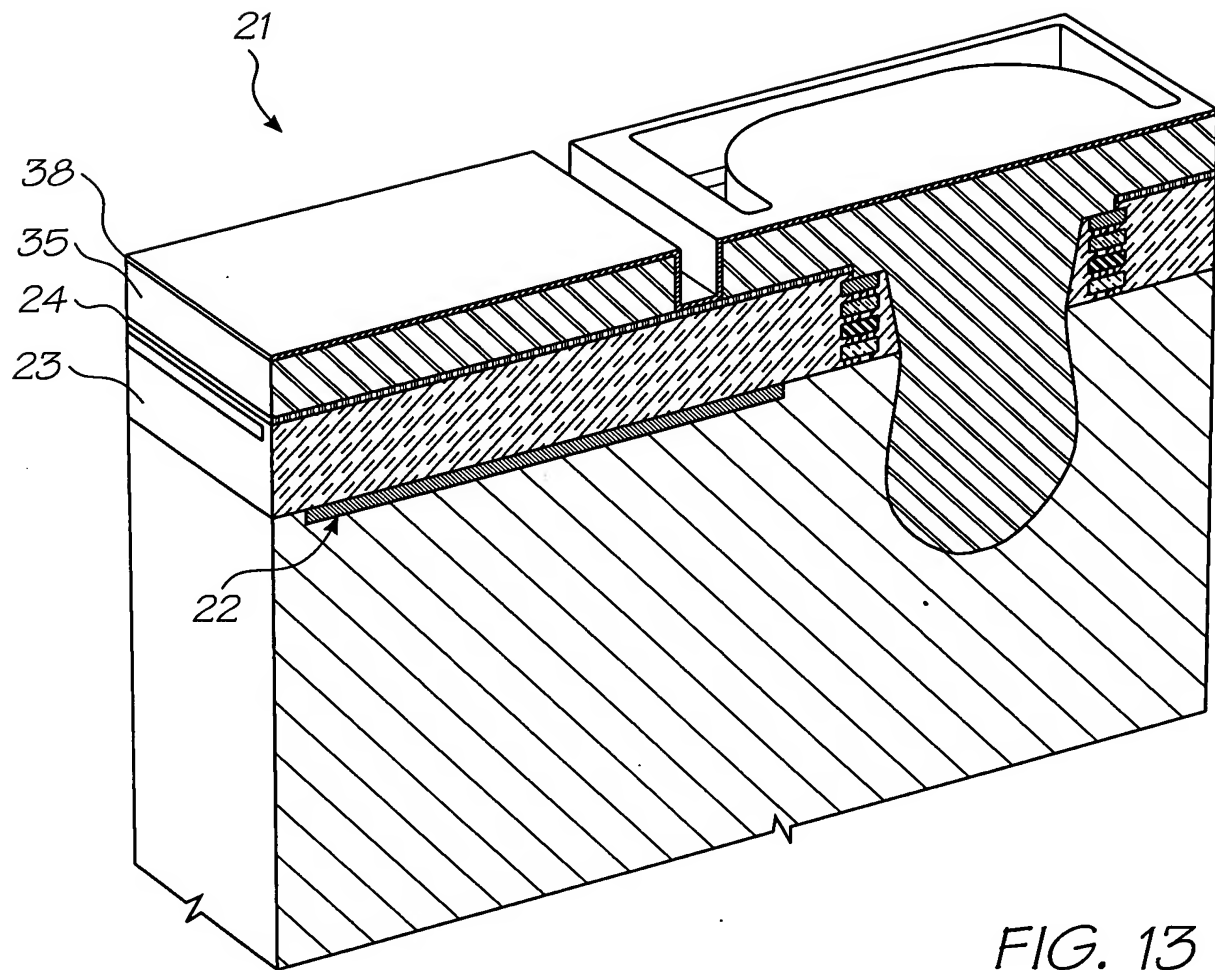


FIG. 13

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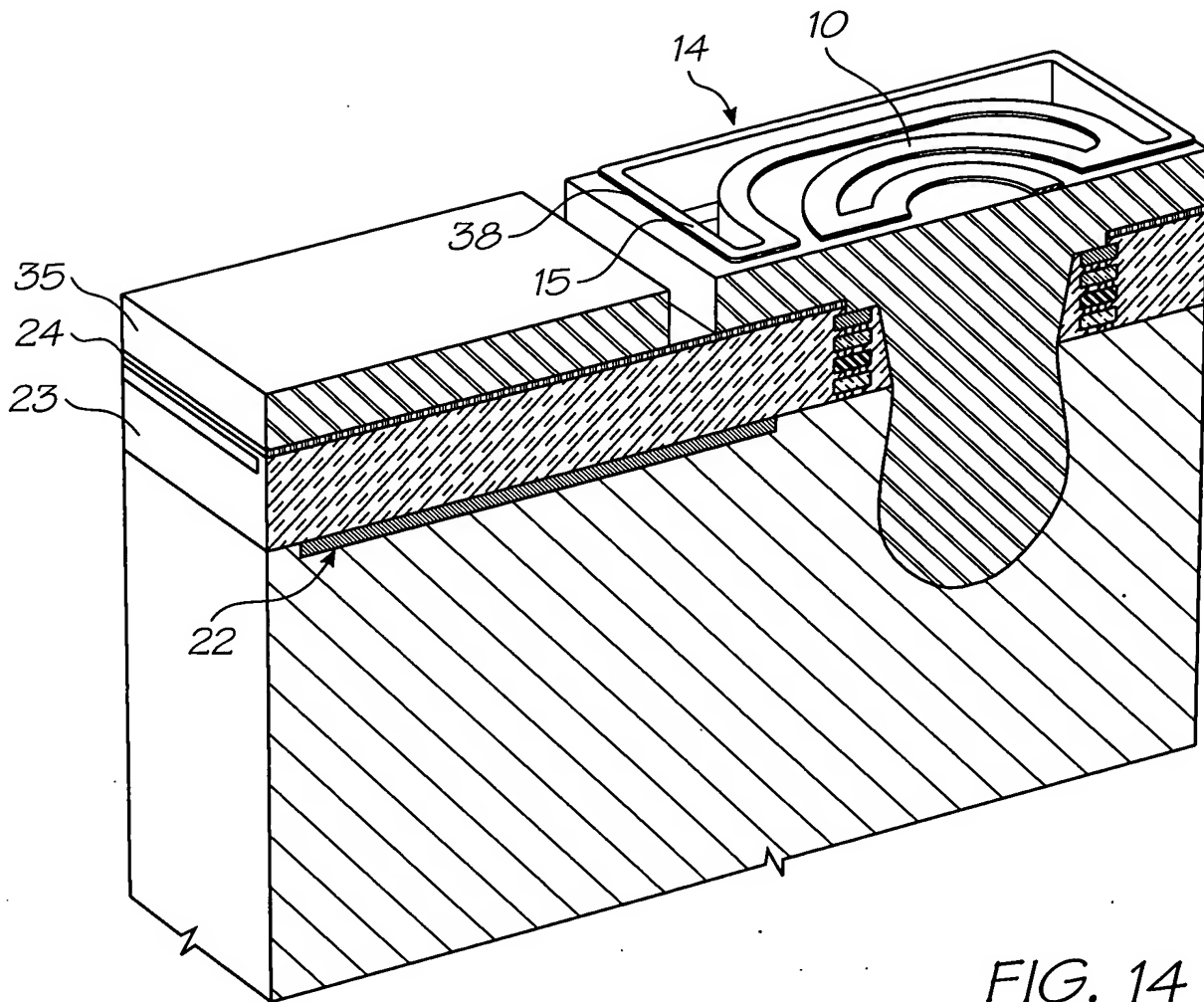


FIG. 14

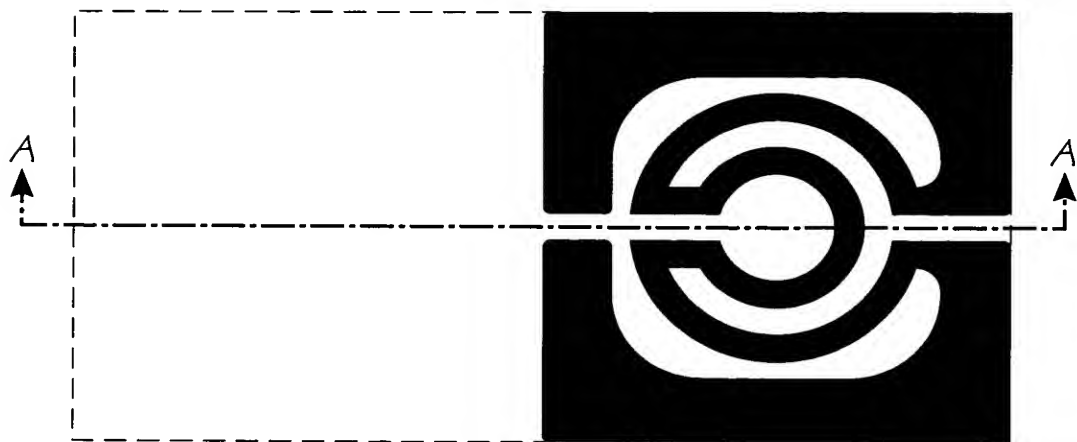


FIG. 15

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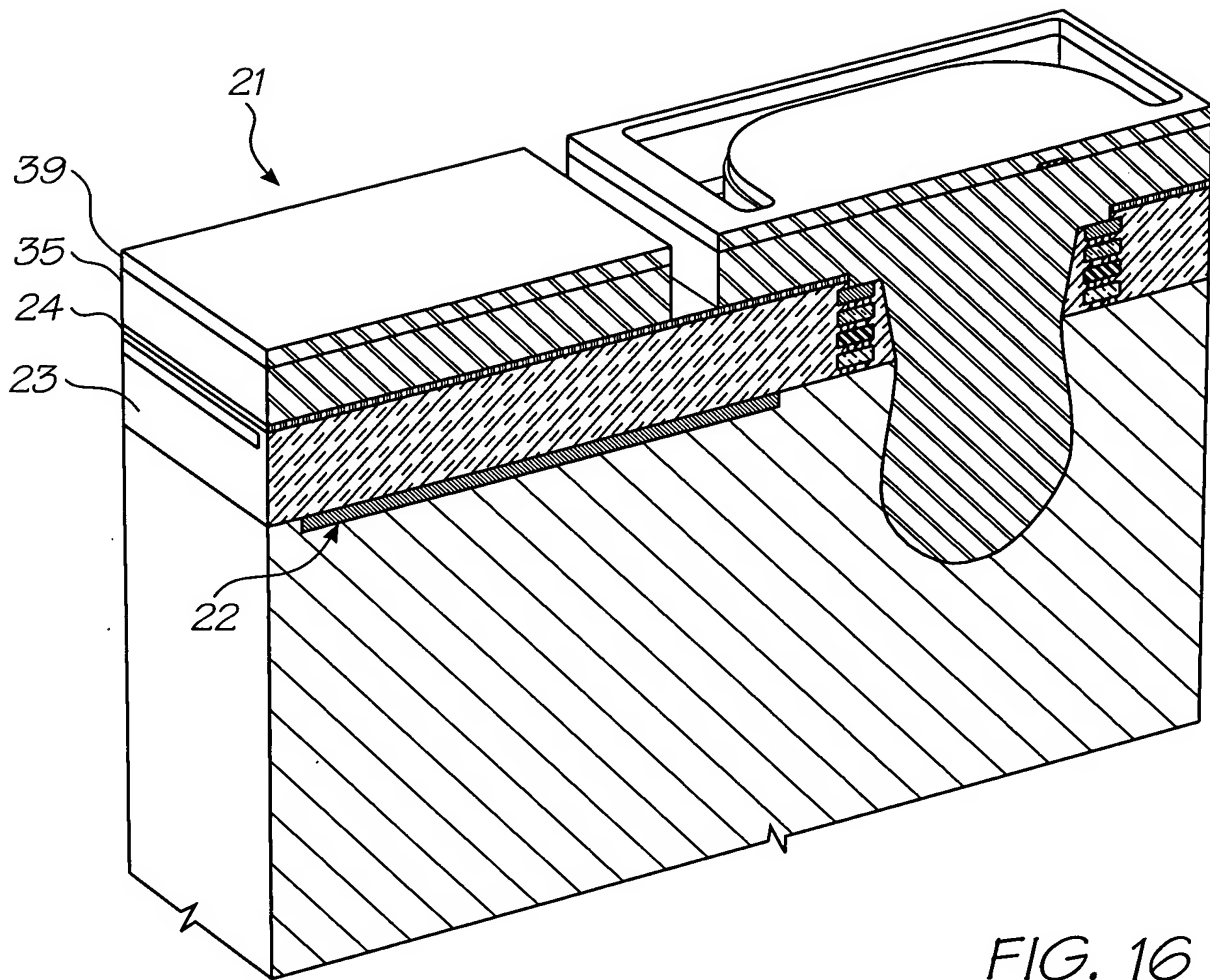


FIG. 16

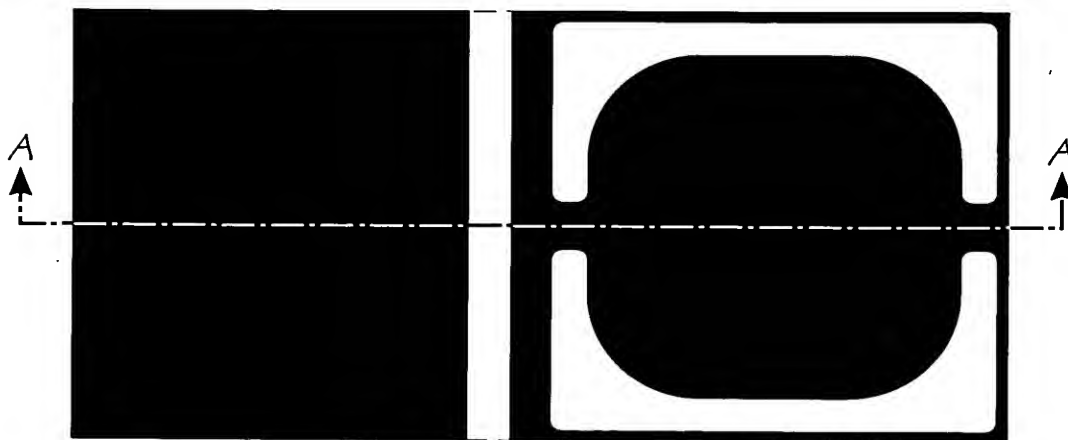


FIG. 17

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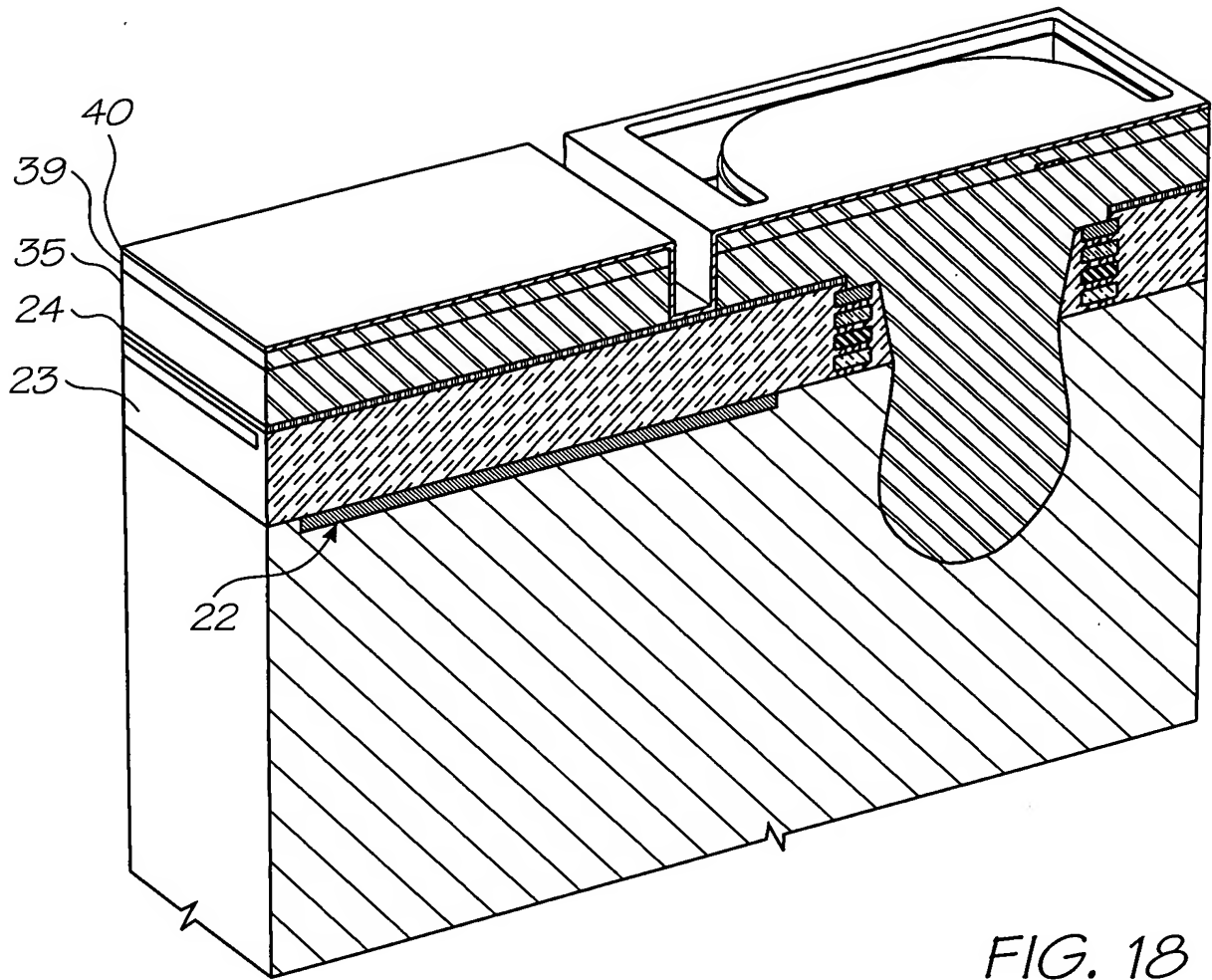


FIG. 18

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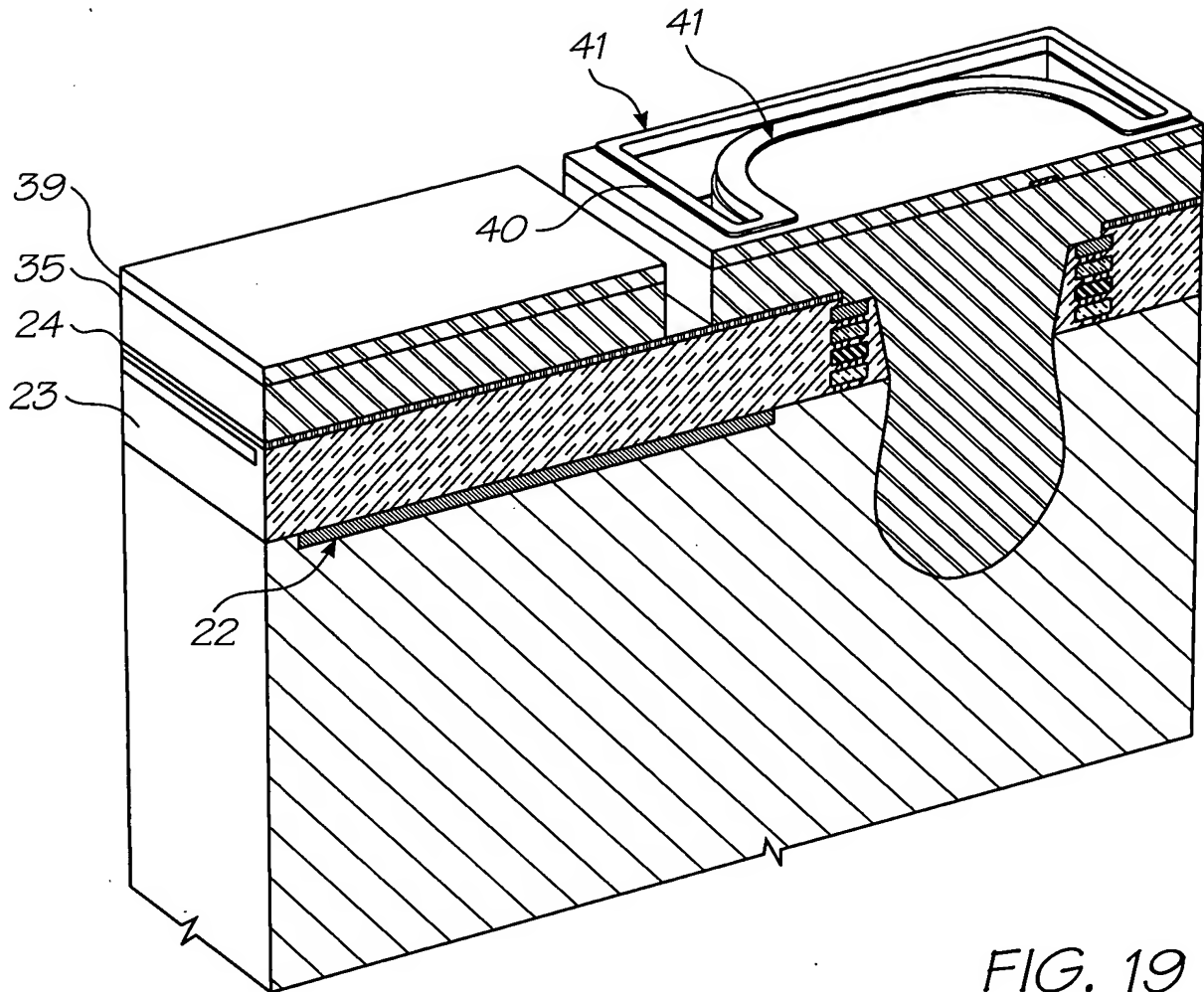


FIG. 19

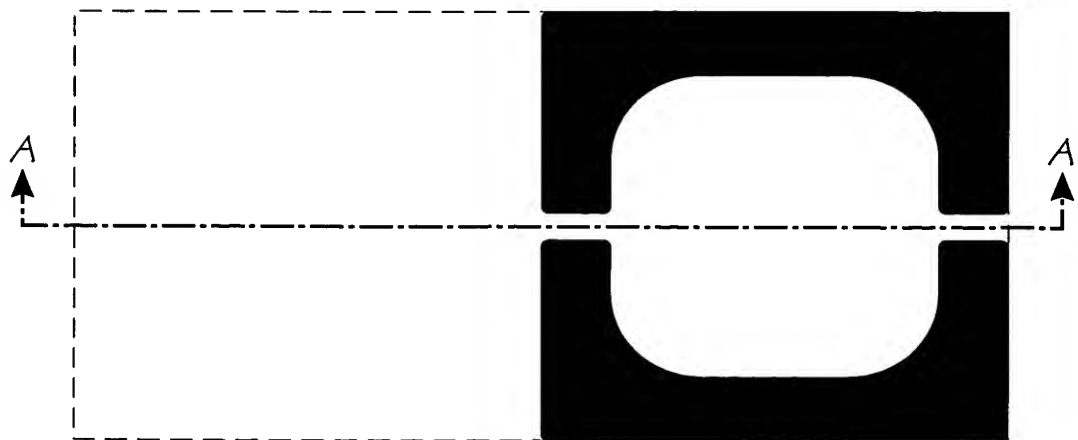
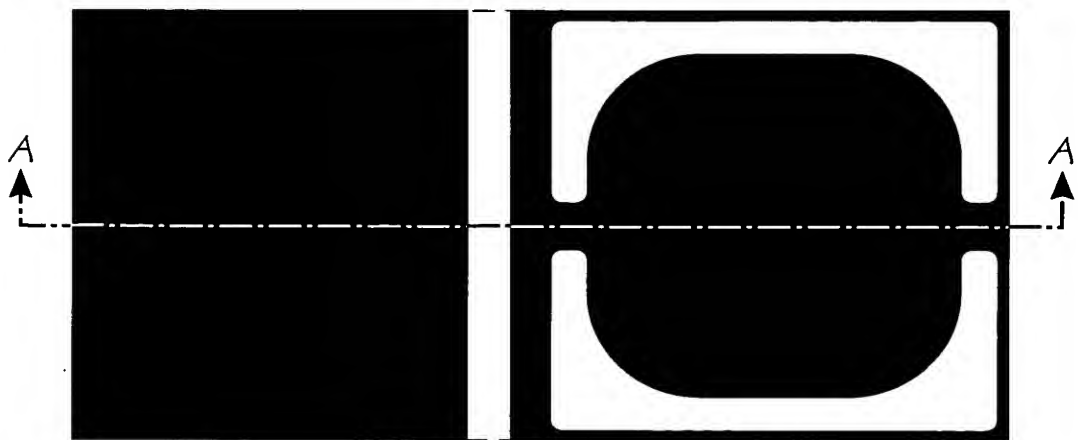
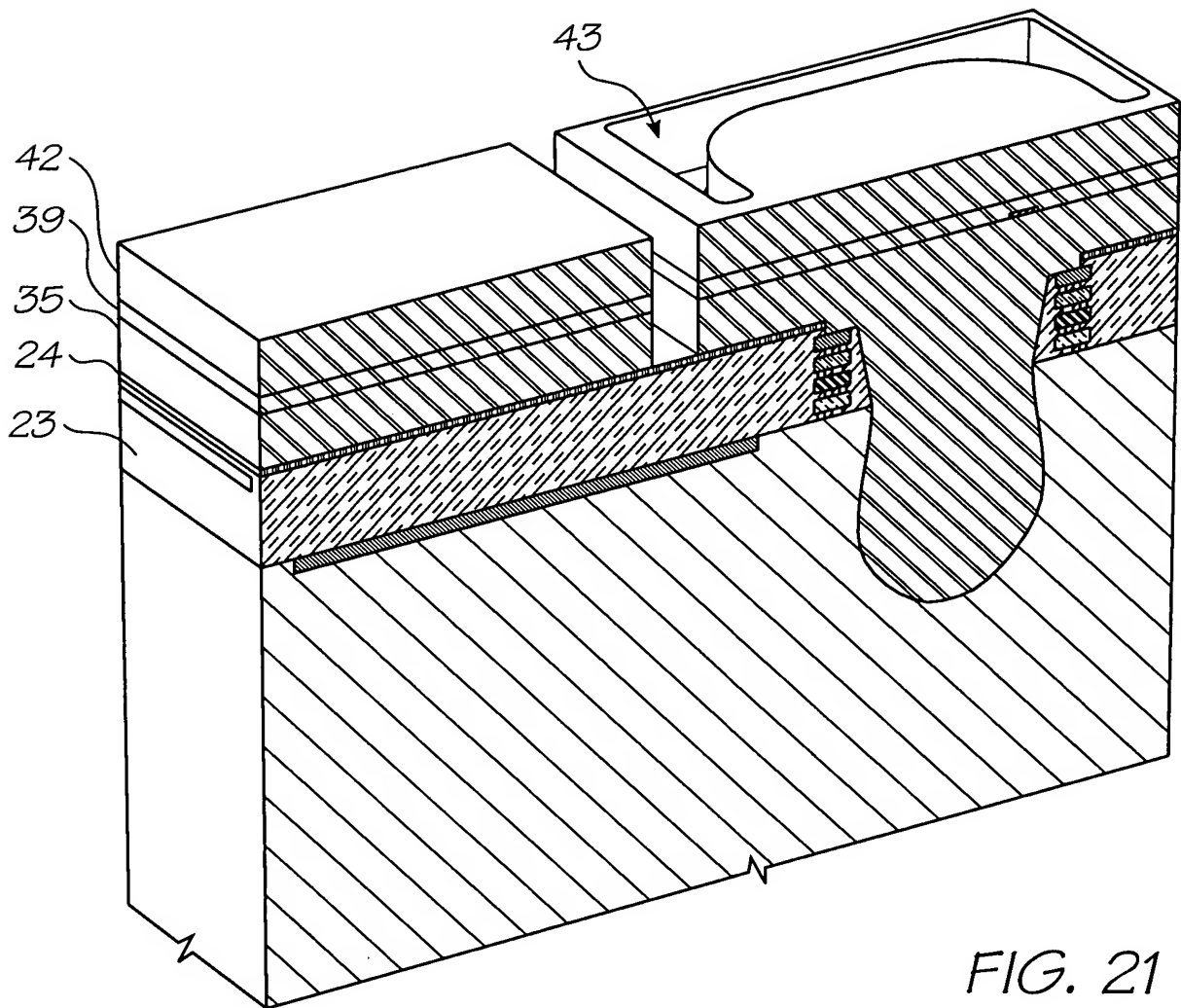
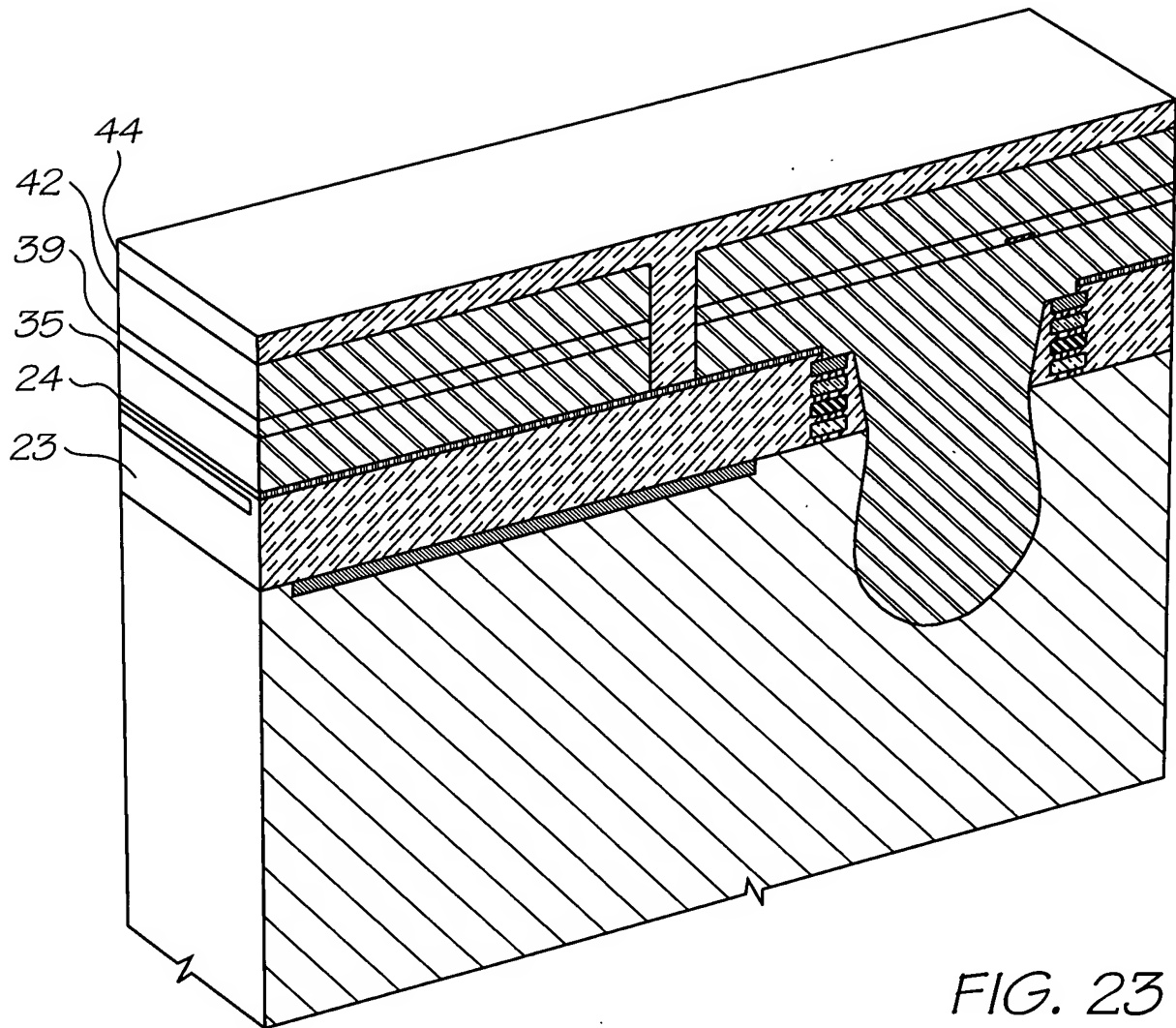


FIG. 20

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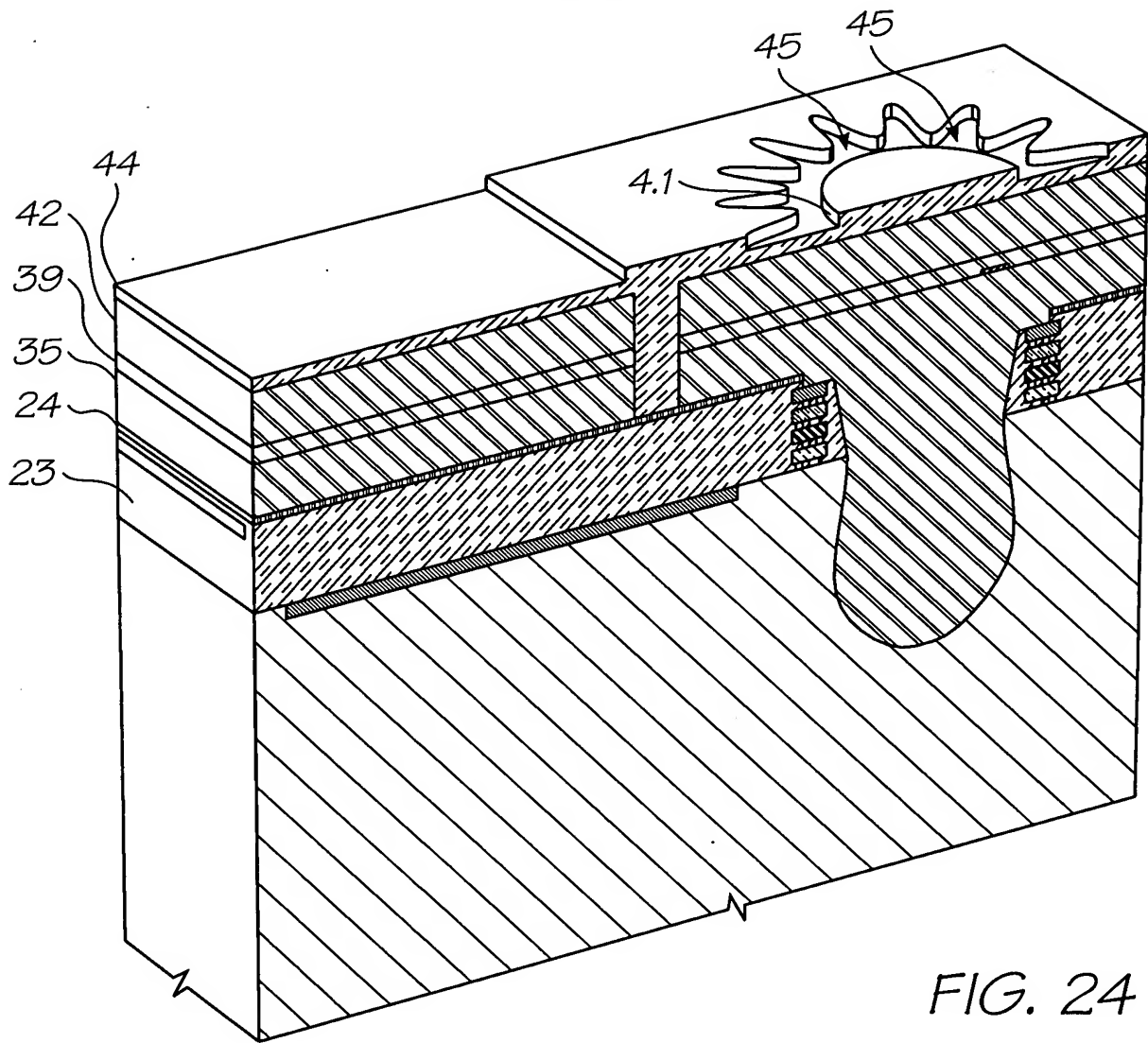


FIG. 24

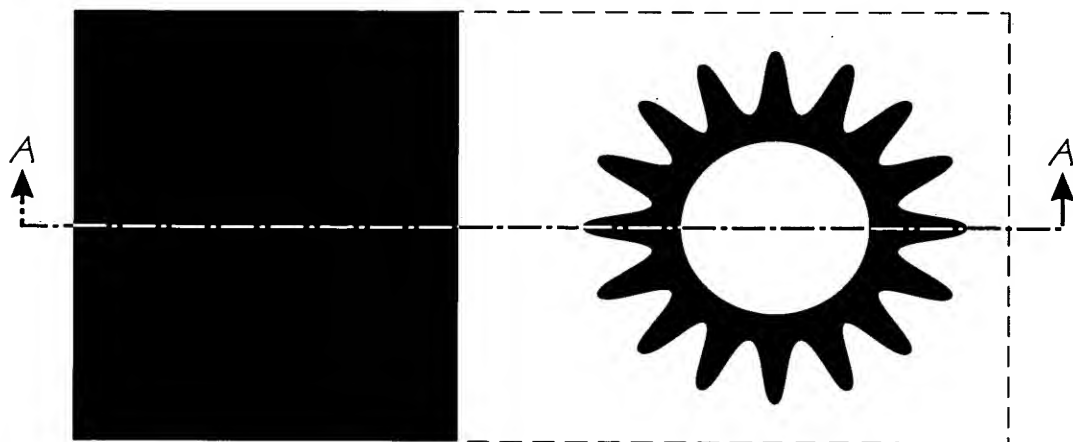
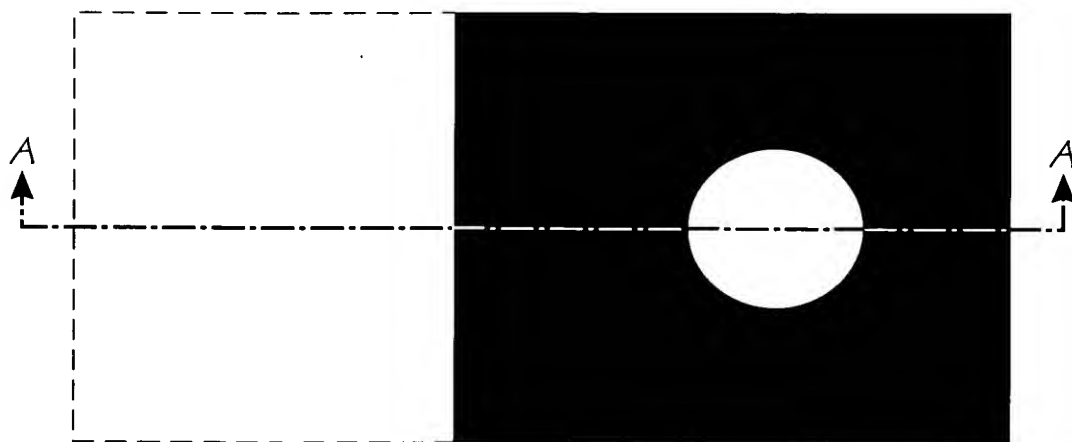
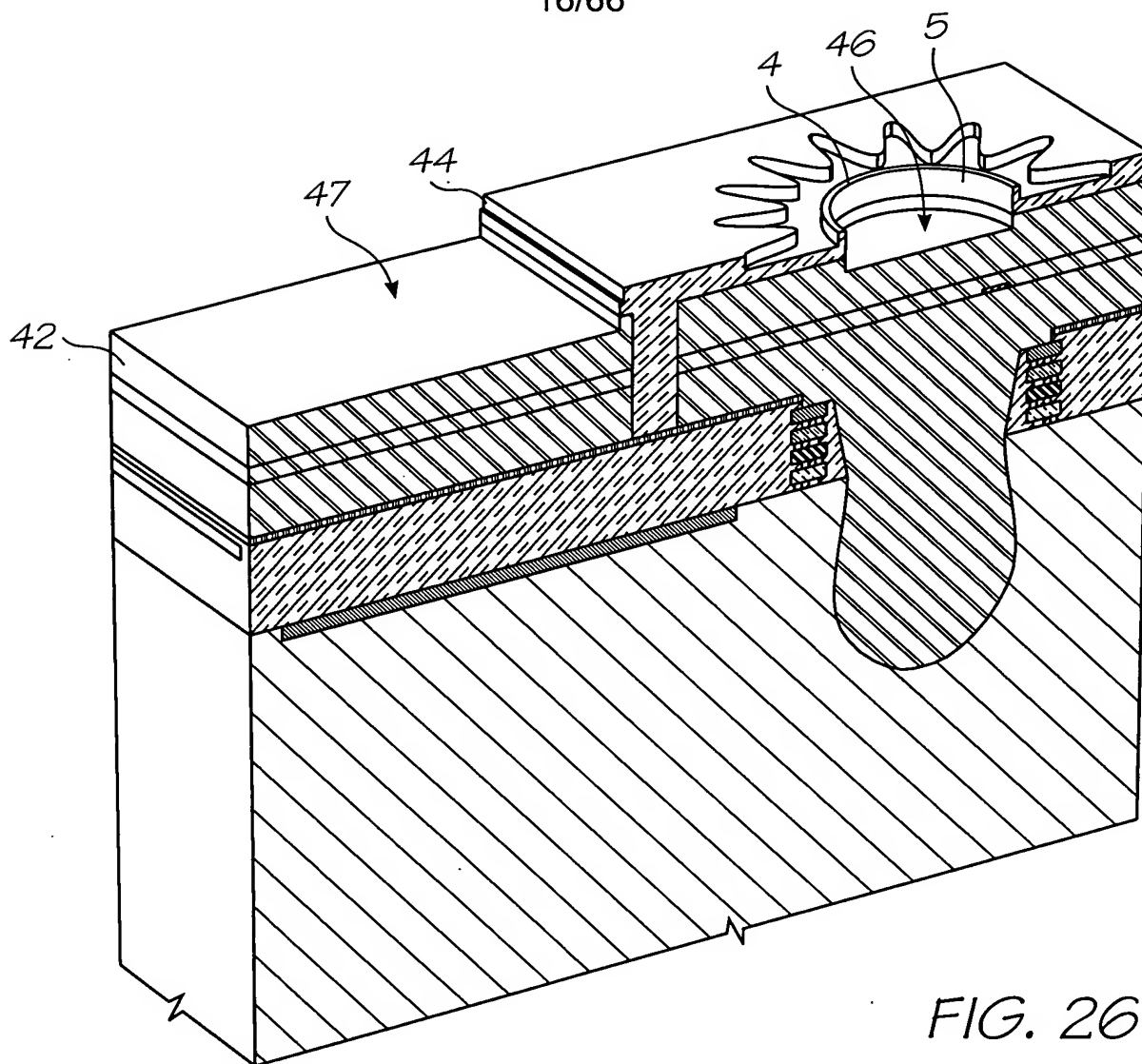


FIG. 25

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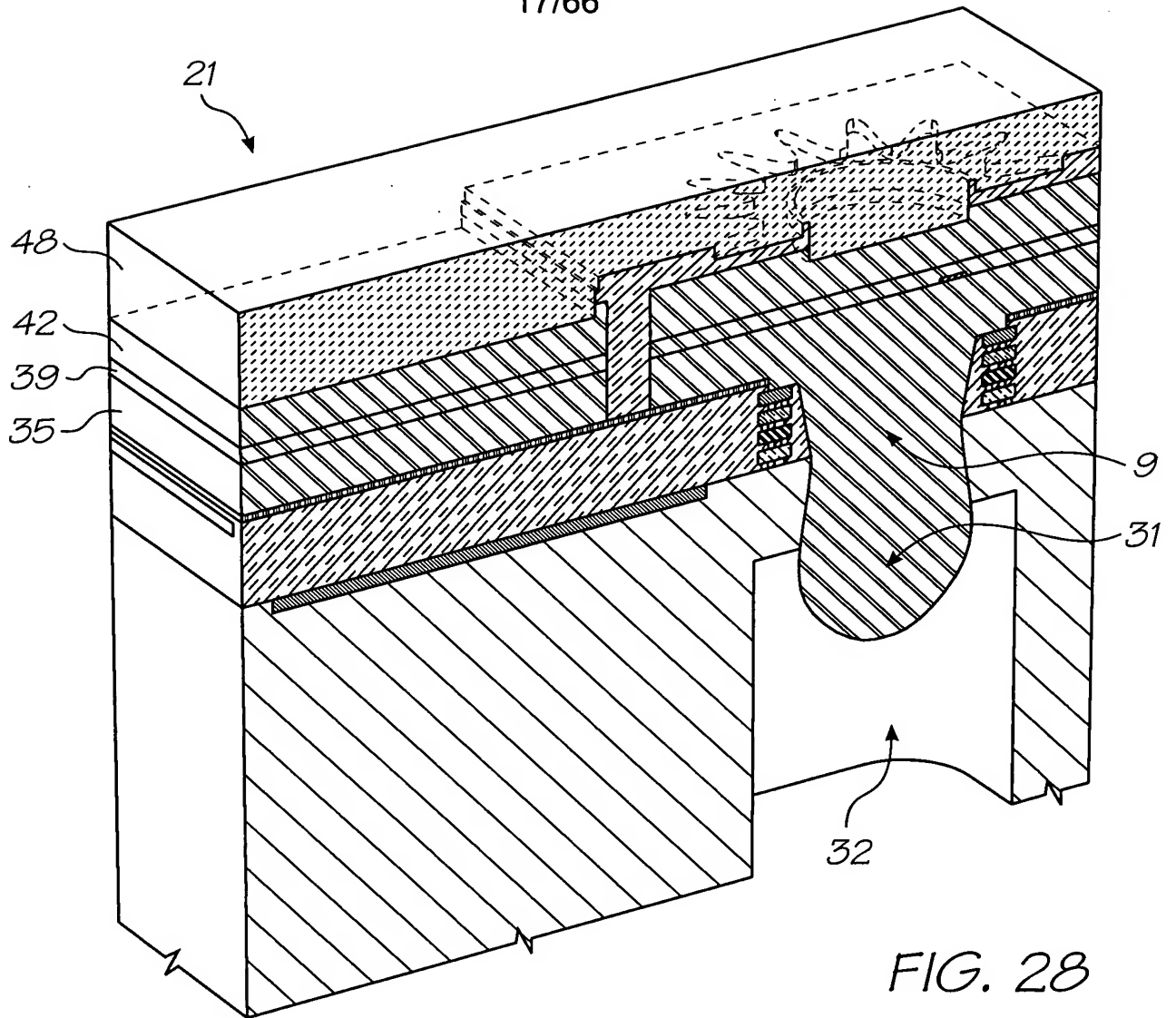


FIG. 28

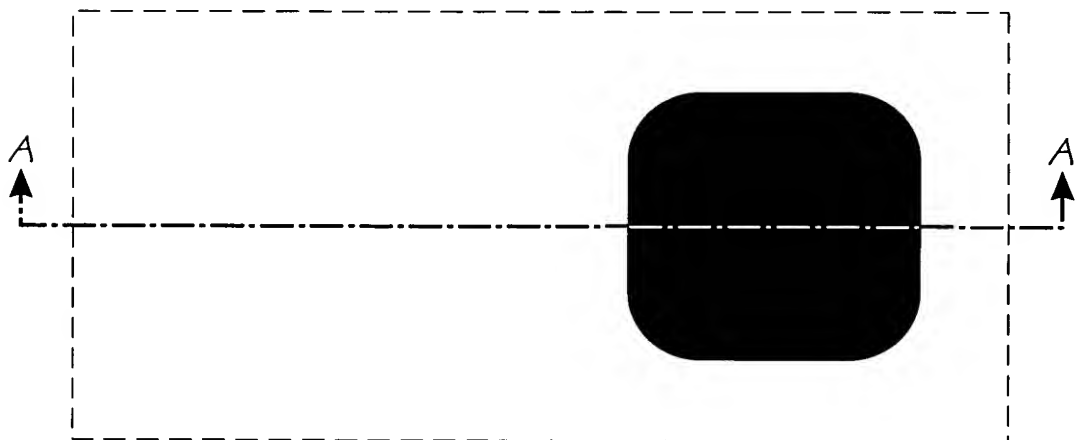


FIG. 29

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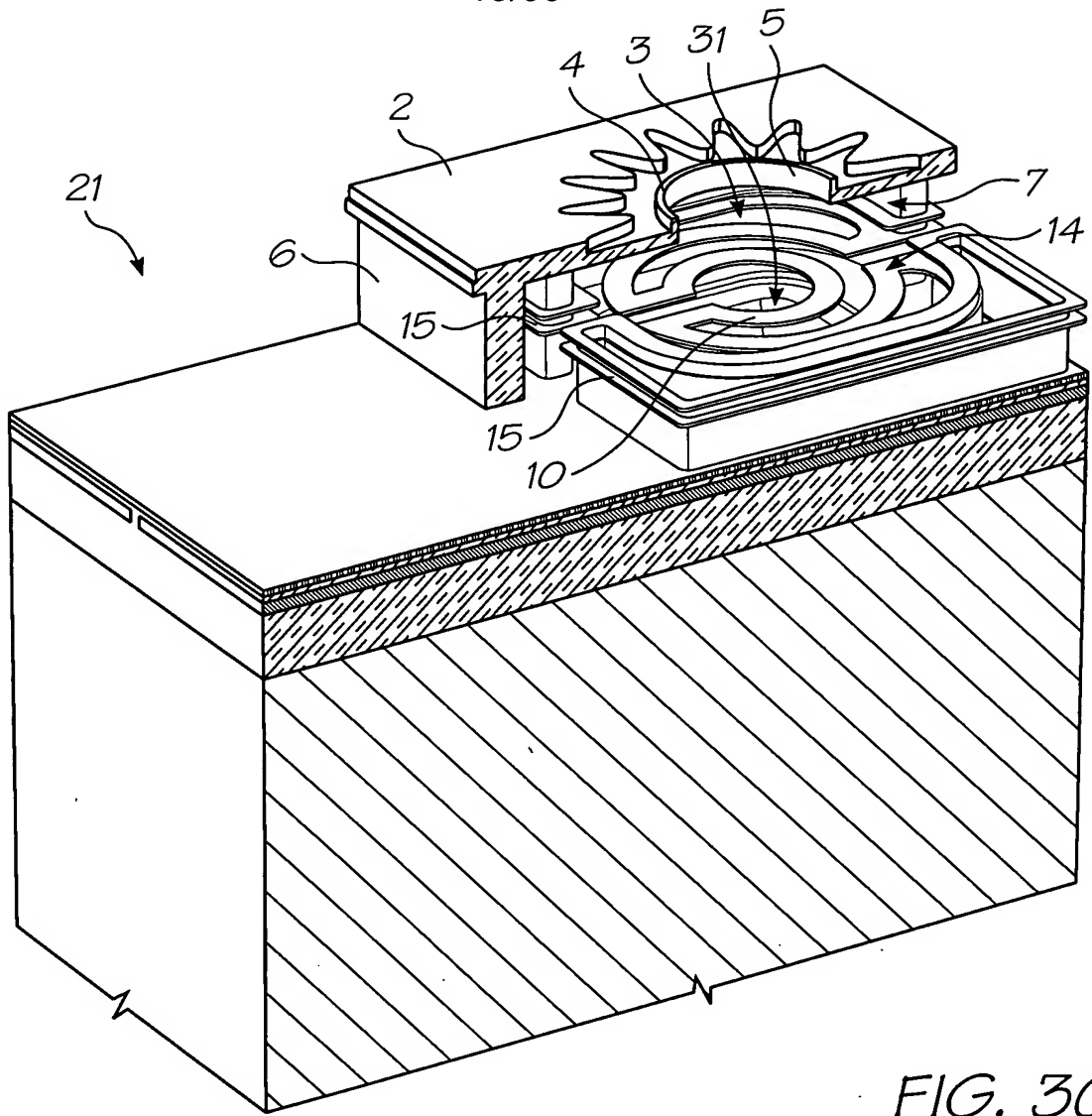


FIG. 30

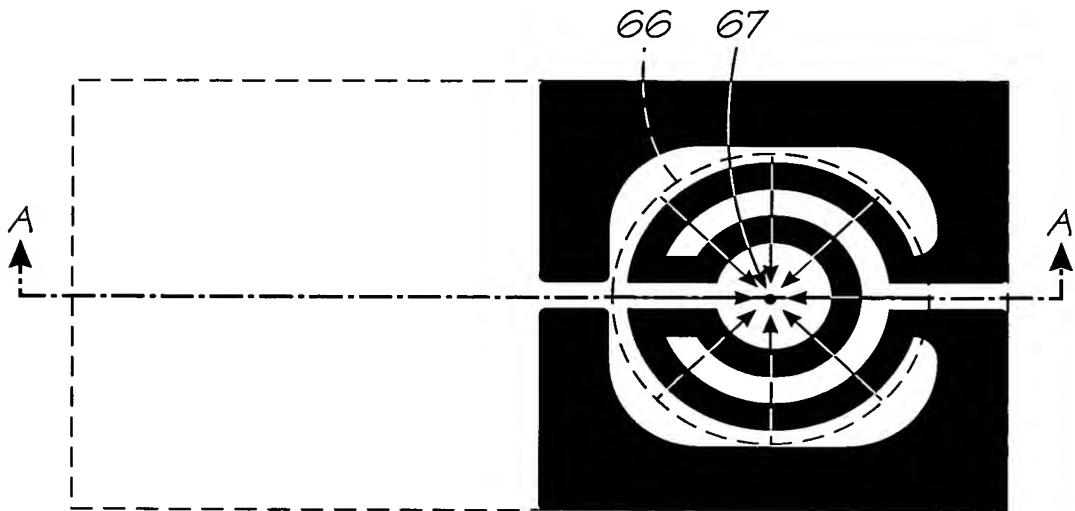


FIG. 31

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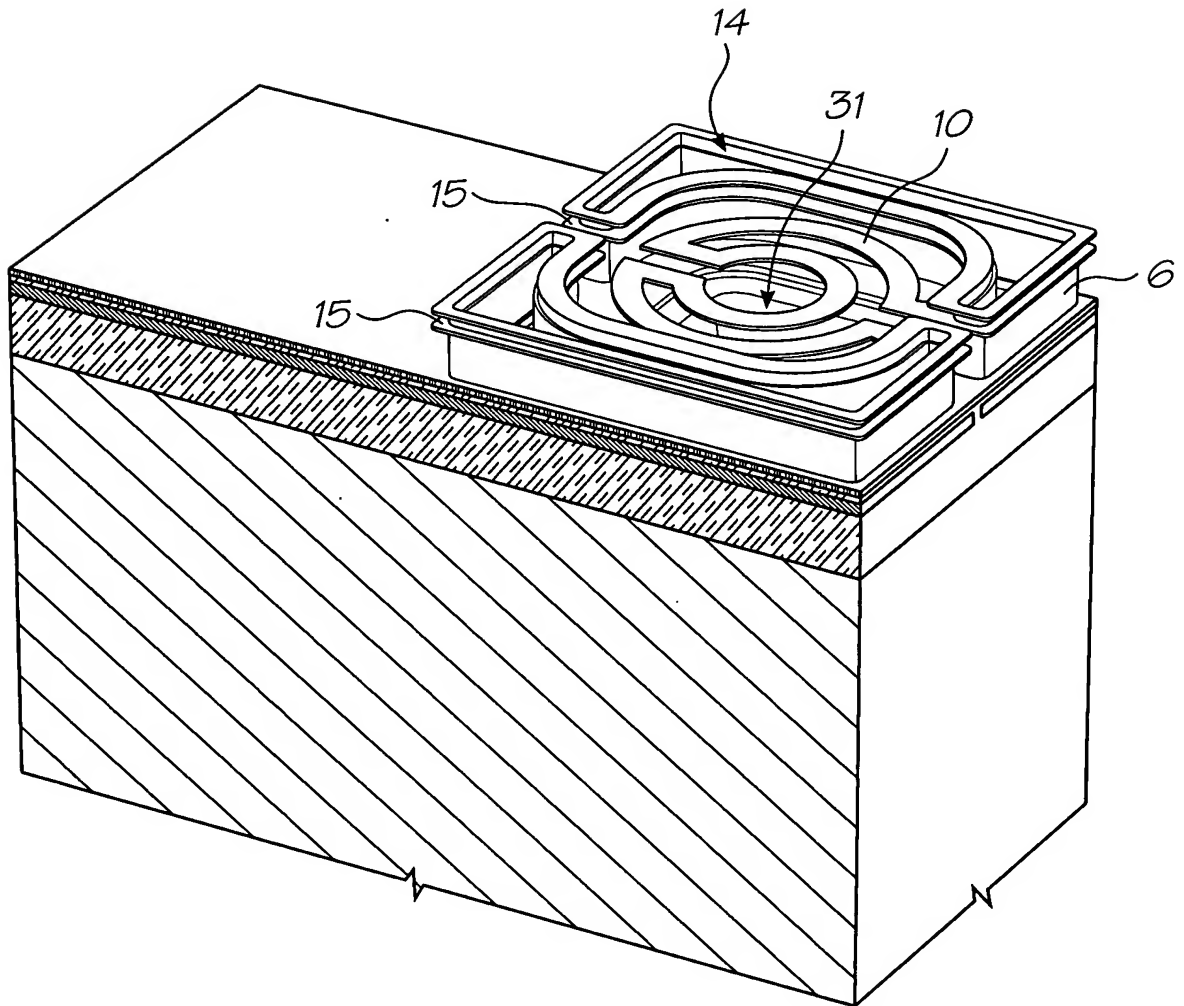


FIG. 32

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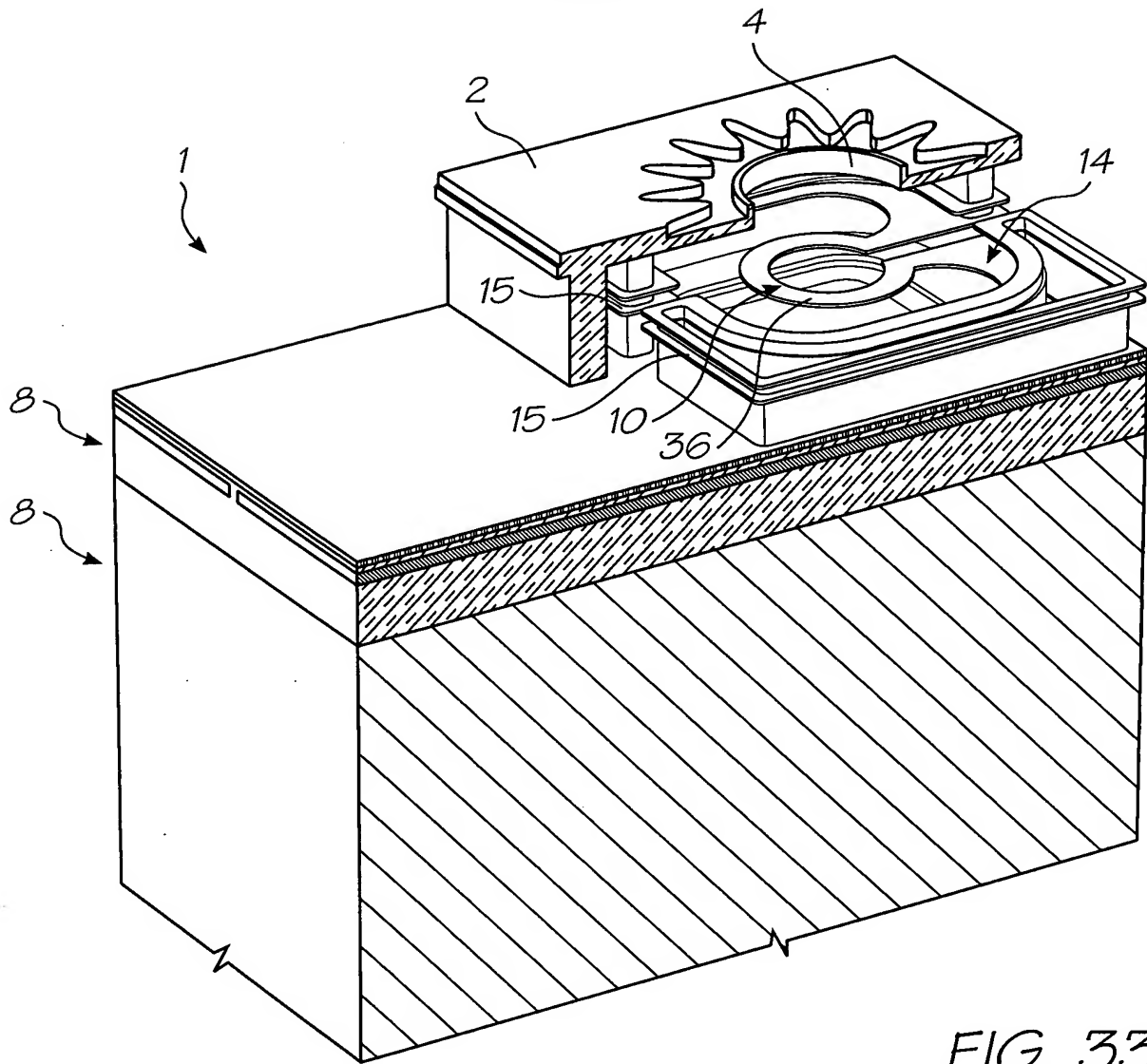


FIG. 33

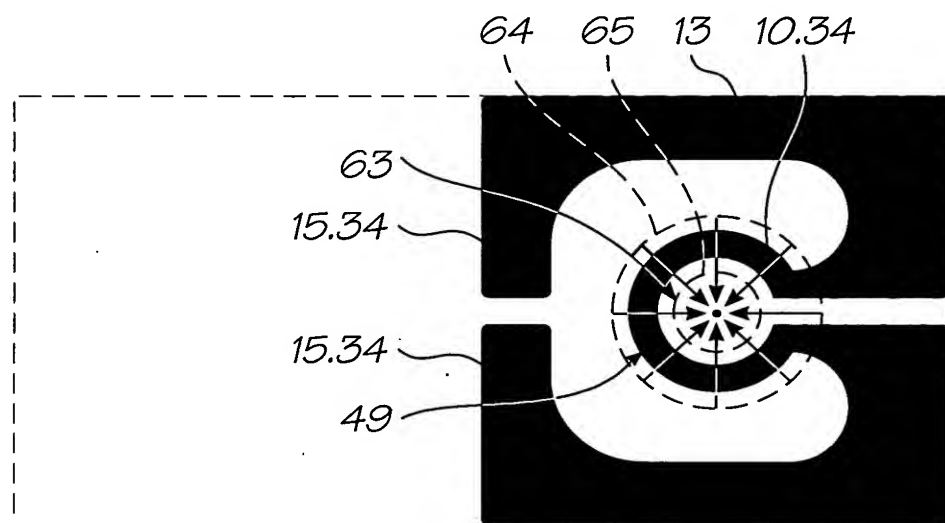
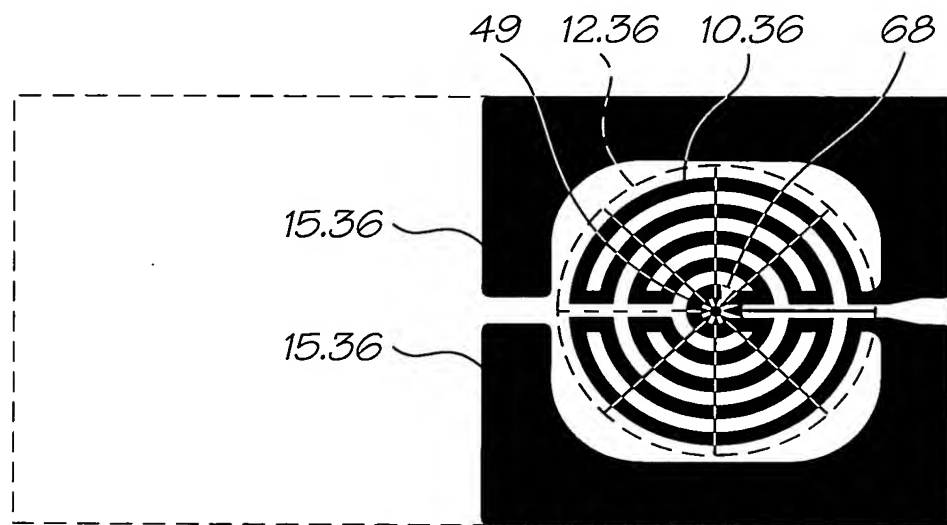
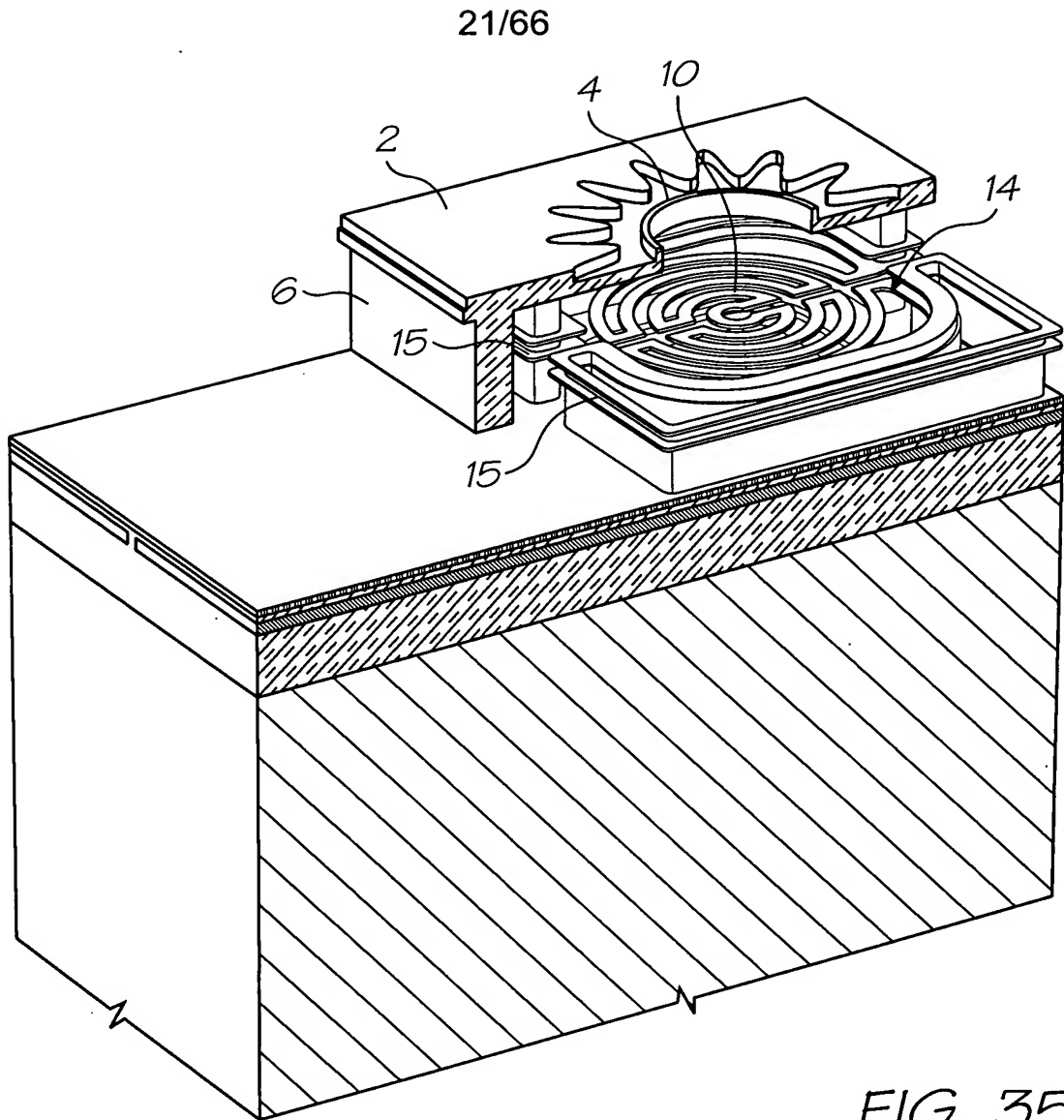


FIG. 34



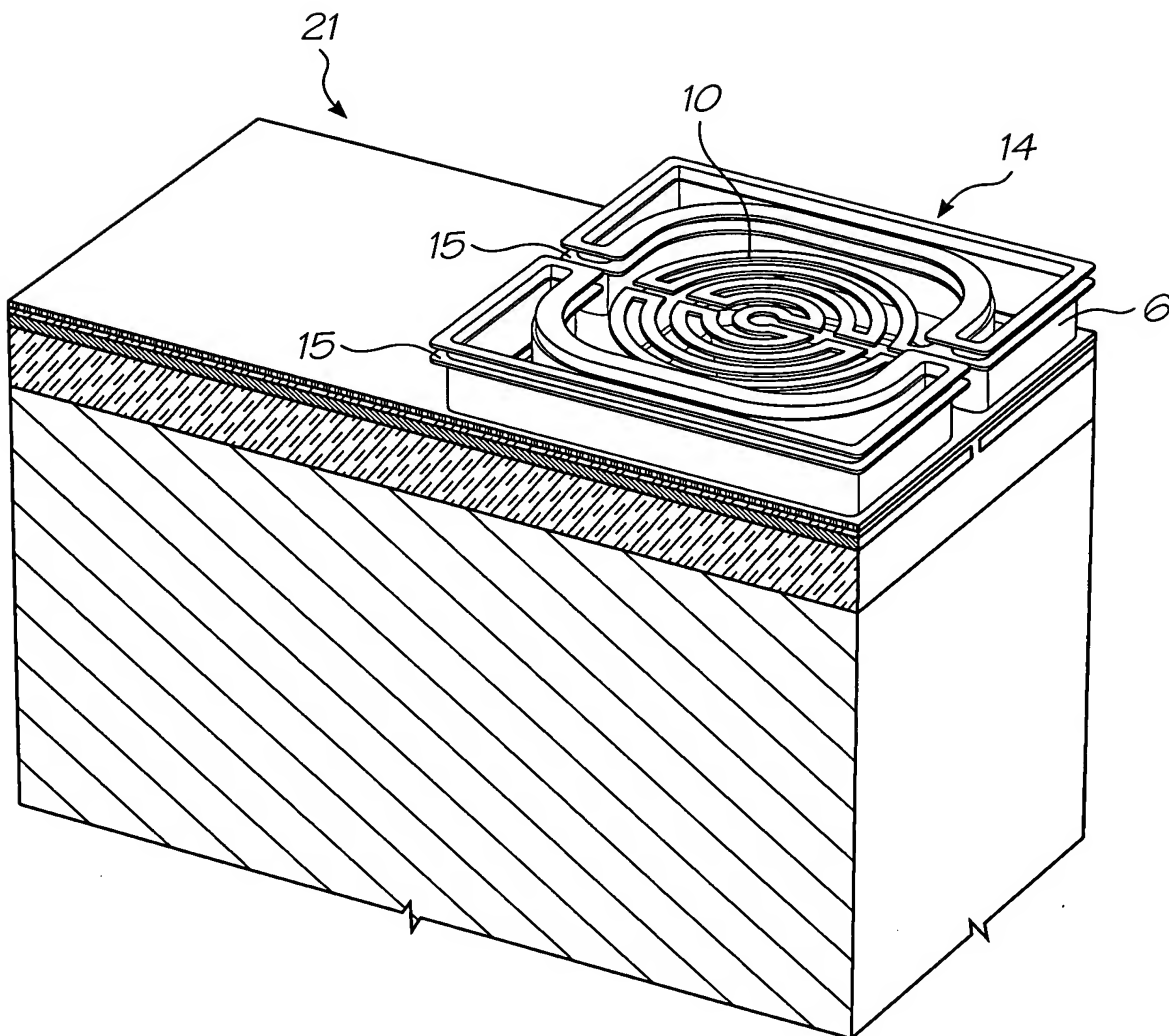


FIG. 37

FIG. 38

10.39

10 μm

2 μm

FIG. 39

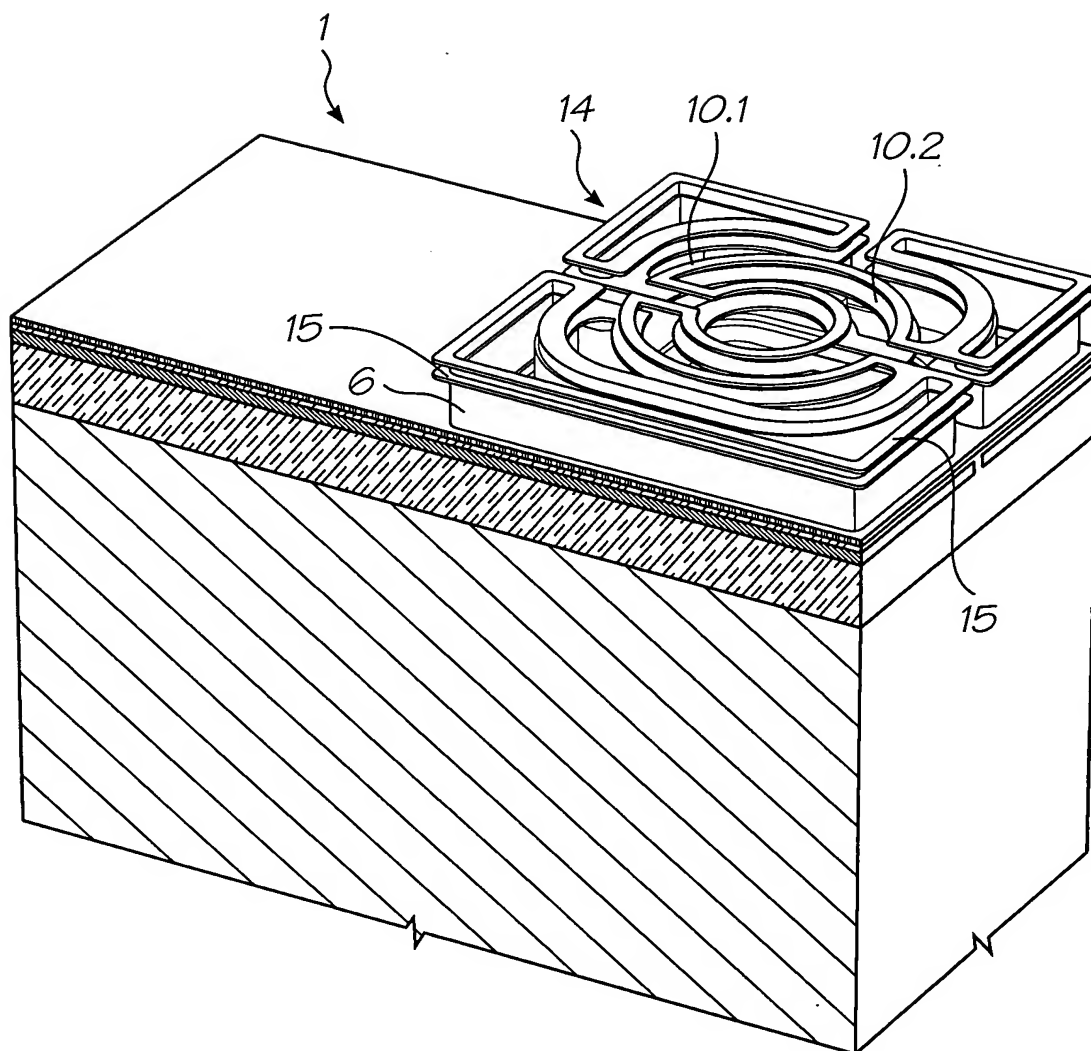


FIG. 40

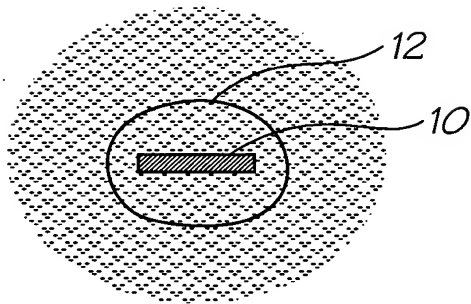


FIG. 41

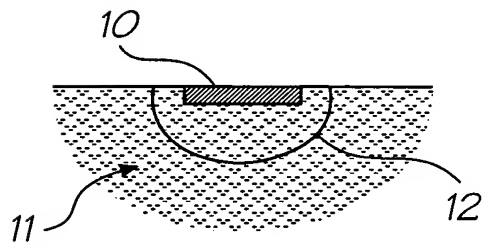


FIG. 42

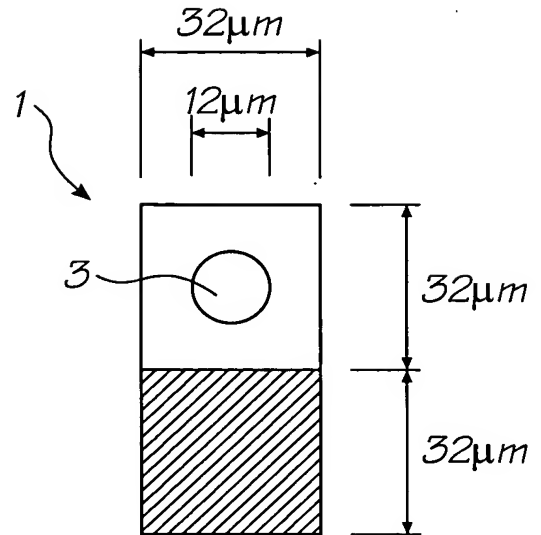


FIG. 43

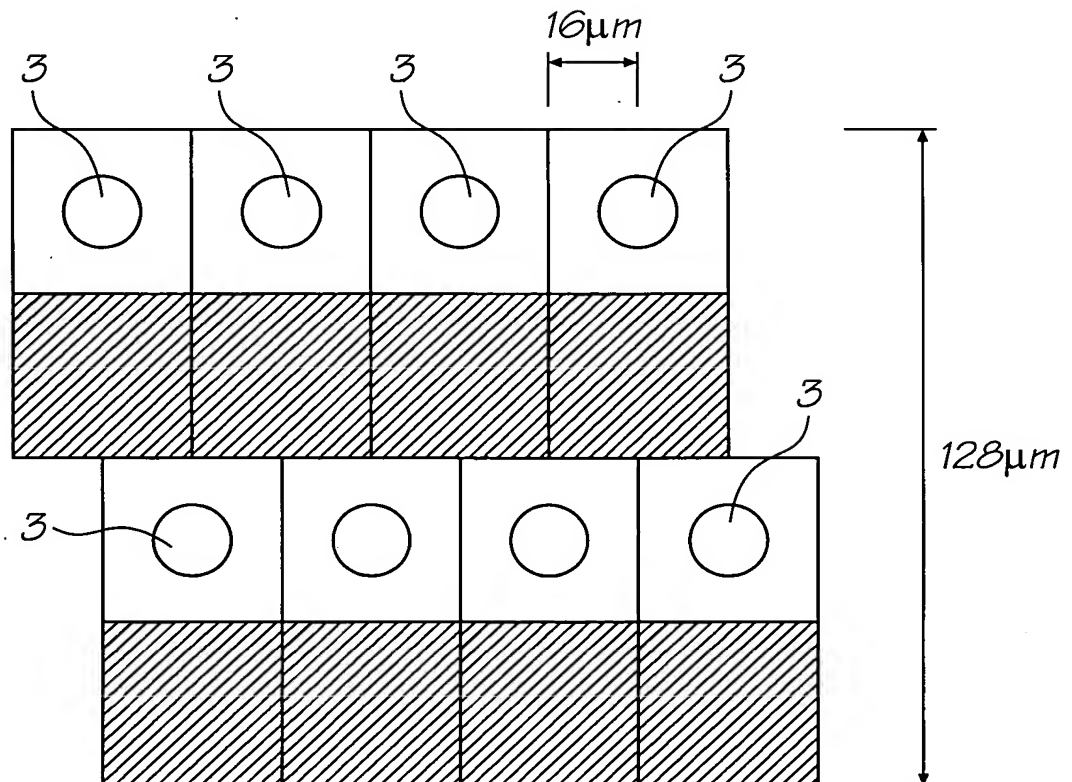


FIG. 44

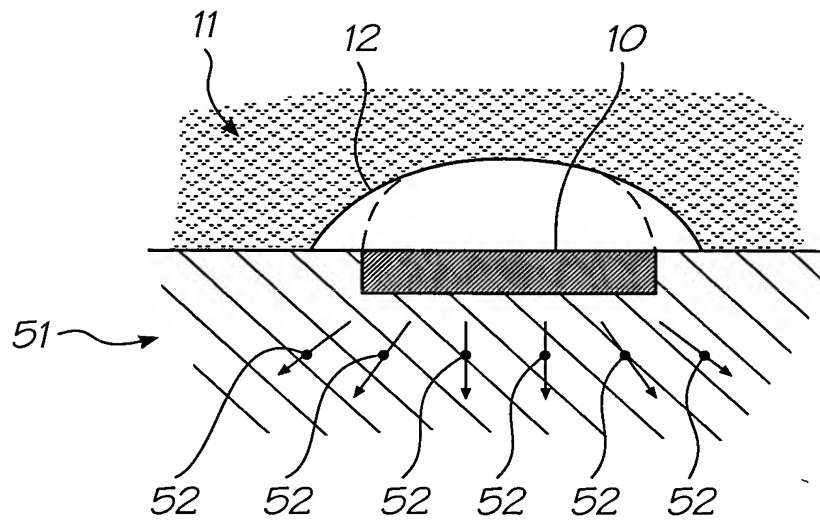


FIG. 45

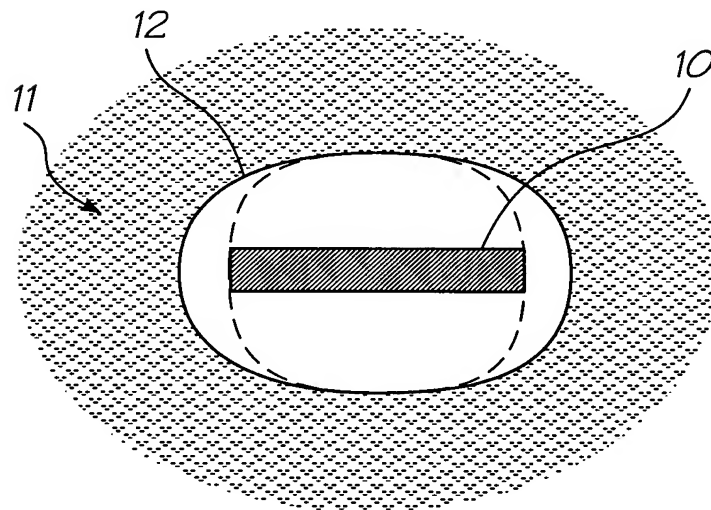


FIG. 46

A schematic diagram of a cross-section of a device. It features a central core (17) surrounded by a layer (54). This core is enclosed within a larger oval structure (10). The entire assembly is surrounded by a textured region (12). Arrows indicate a flow or field direction from the outer region (12) towards the central core (17). The label 53 points to the boundary of the oval structure (10).

FIG. 48

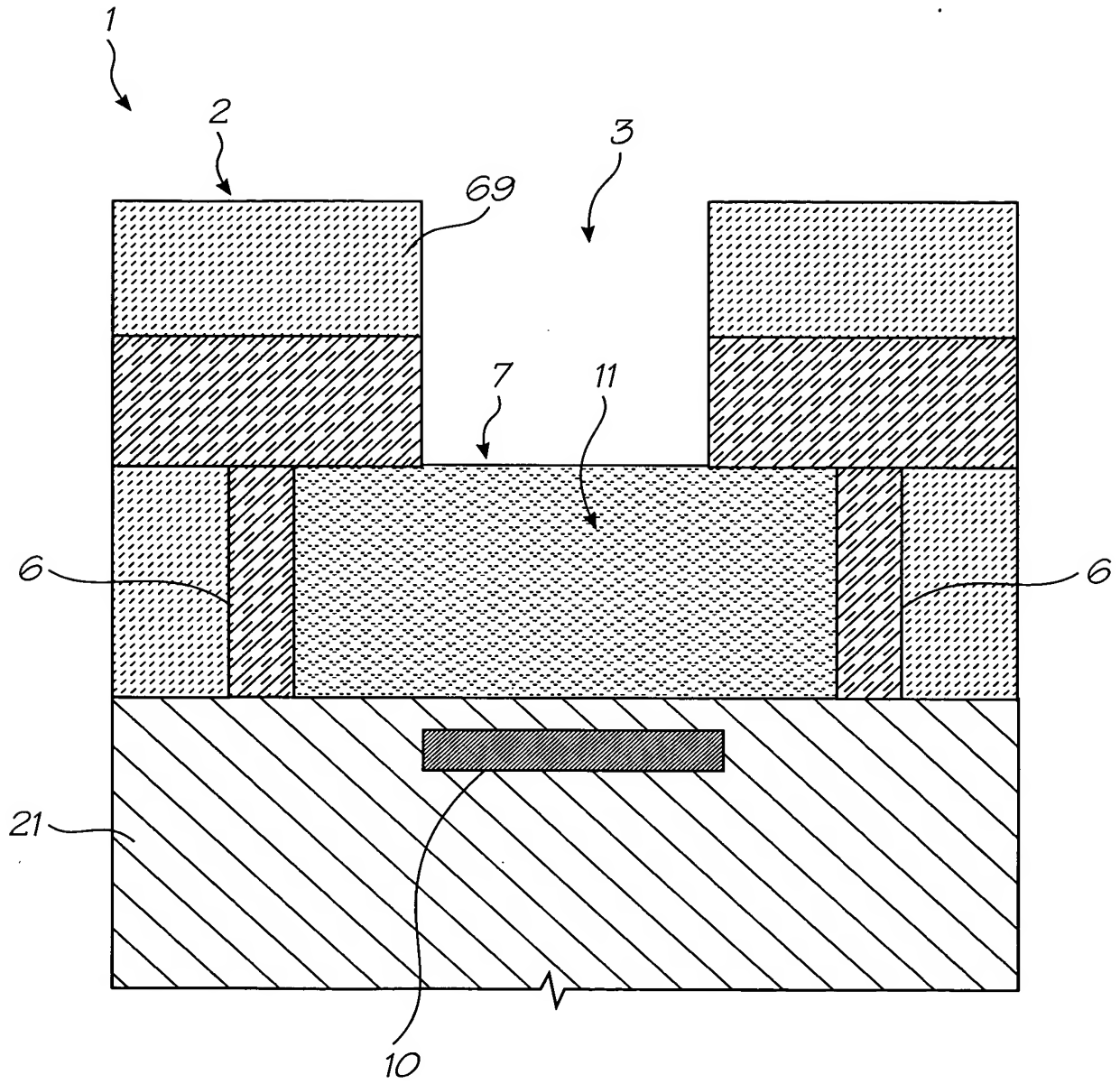
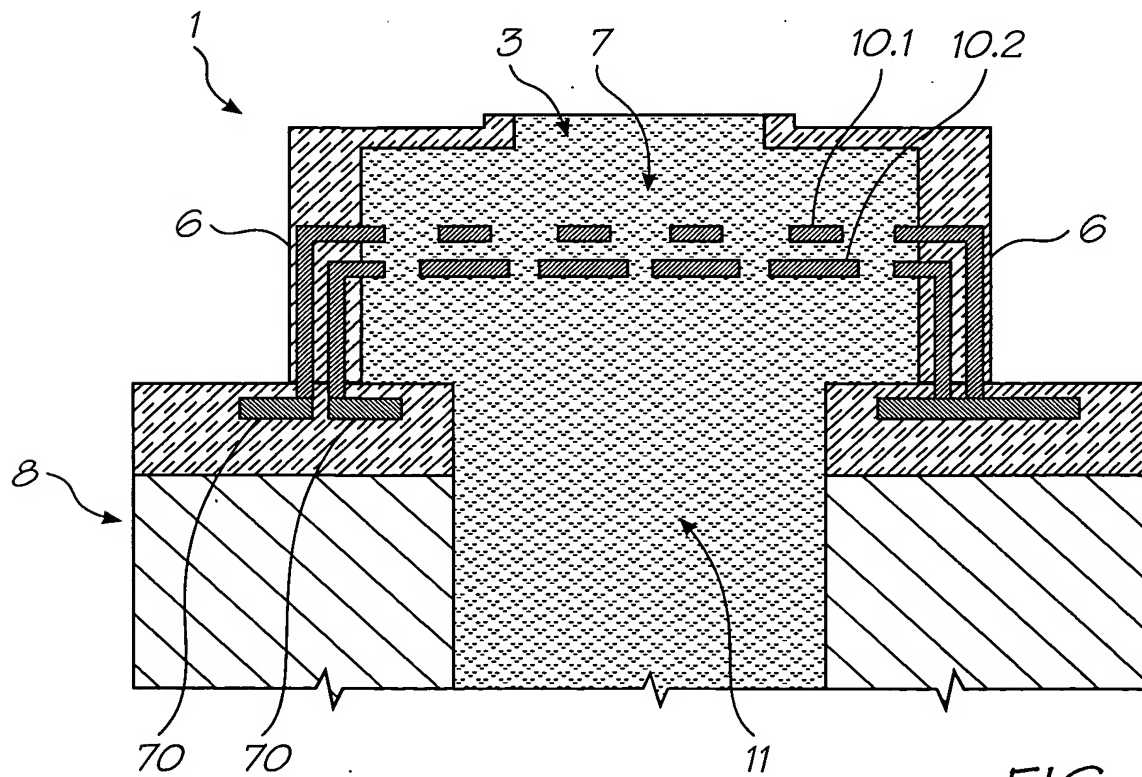
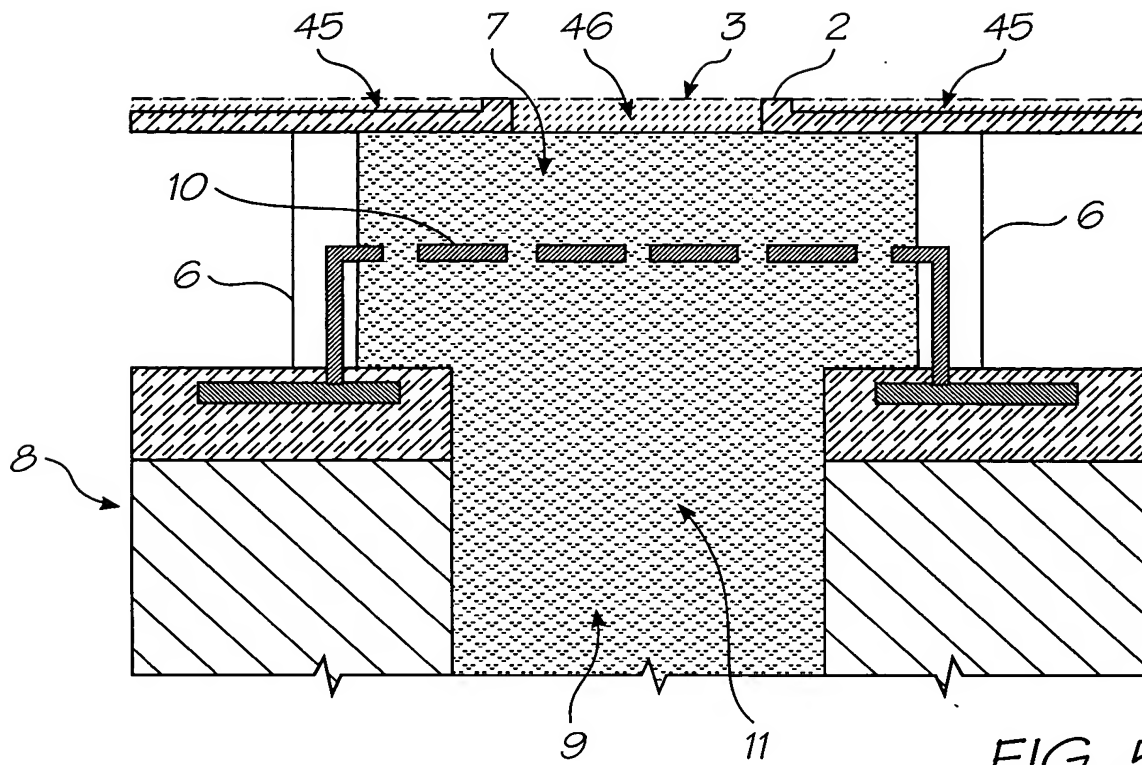


FIG. 49



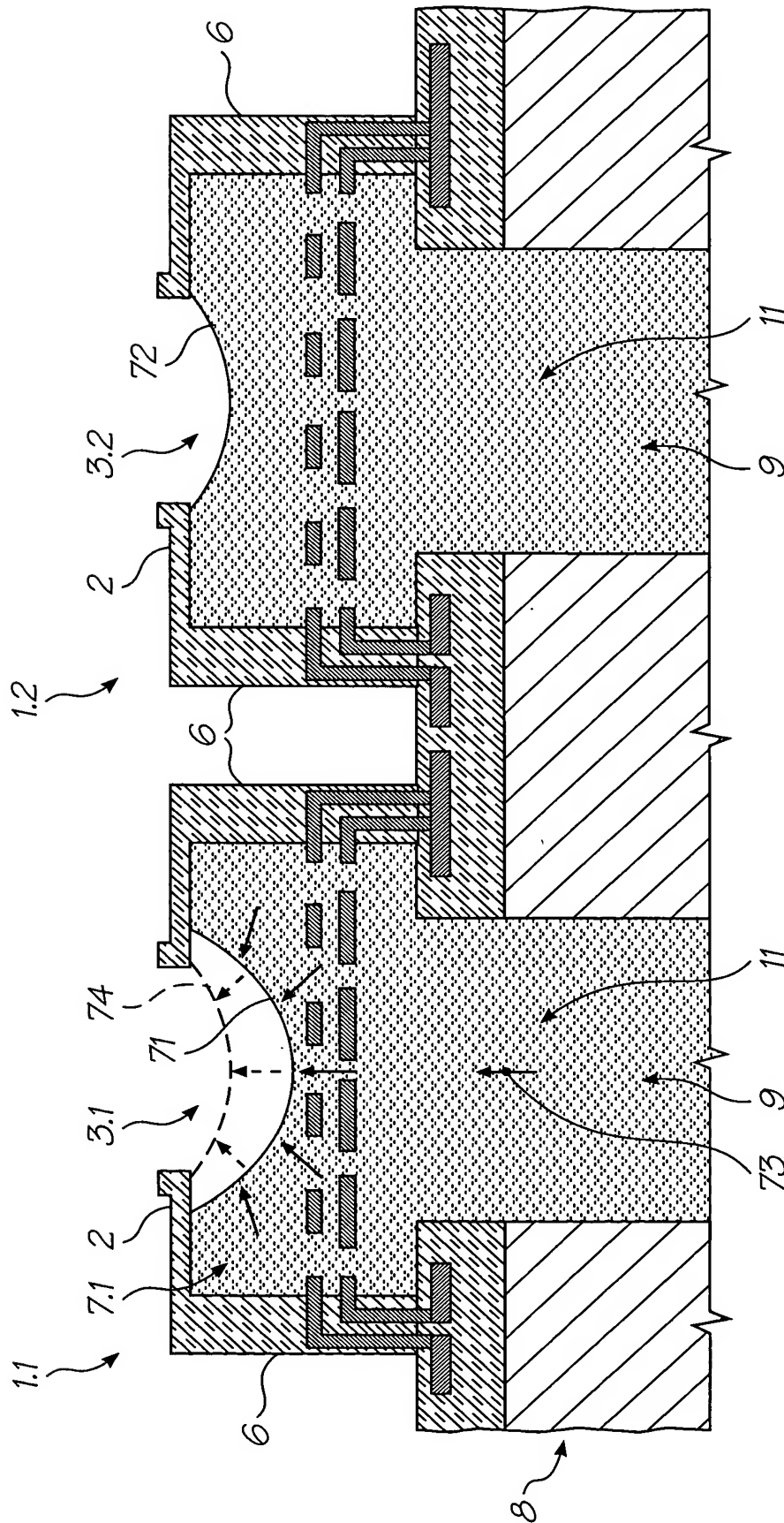


FIG. 53

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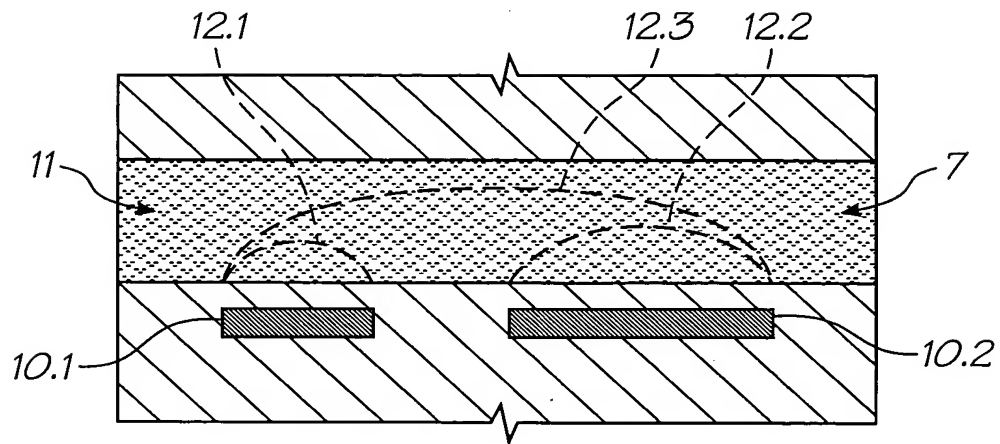


FIG. 52
(PRIOR ART)

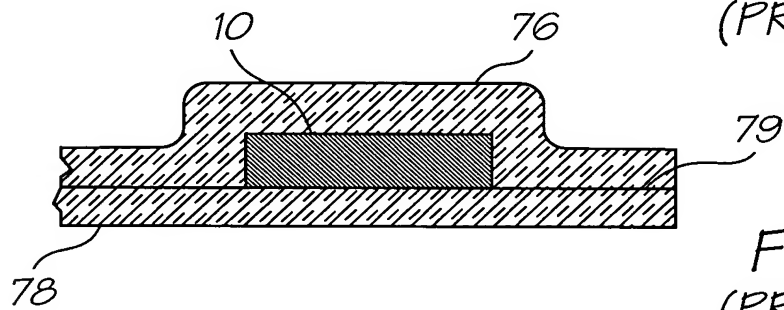


FIG. 54
(PRIOR ART)

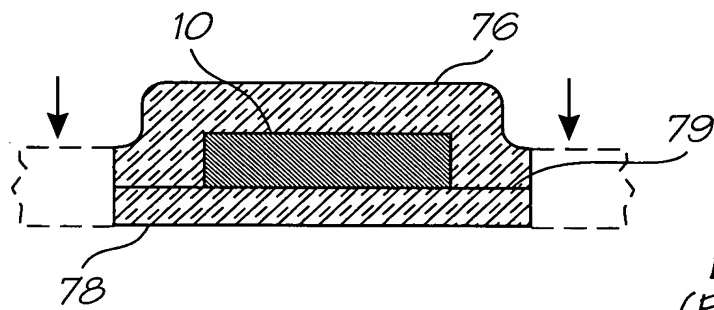


FIG. 55
(PRIOR ART)

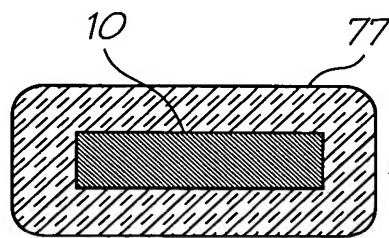


FIG. 56

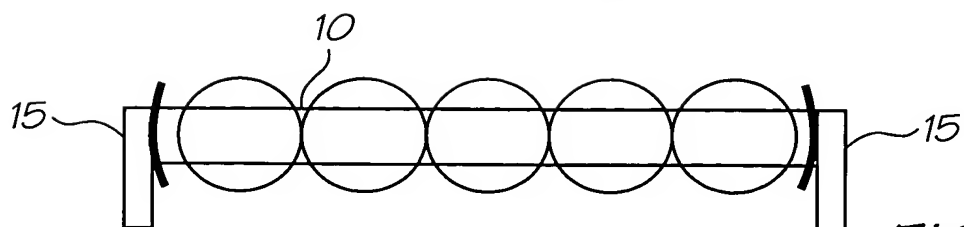
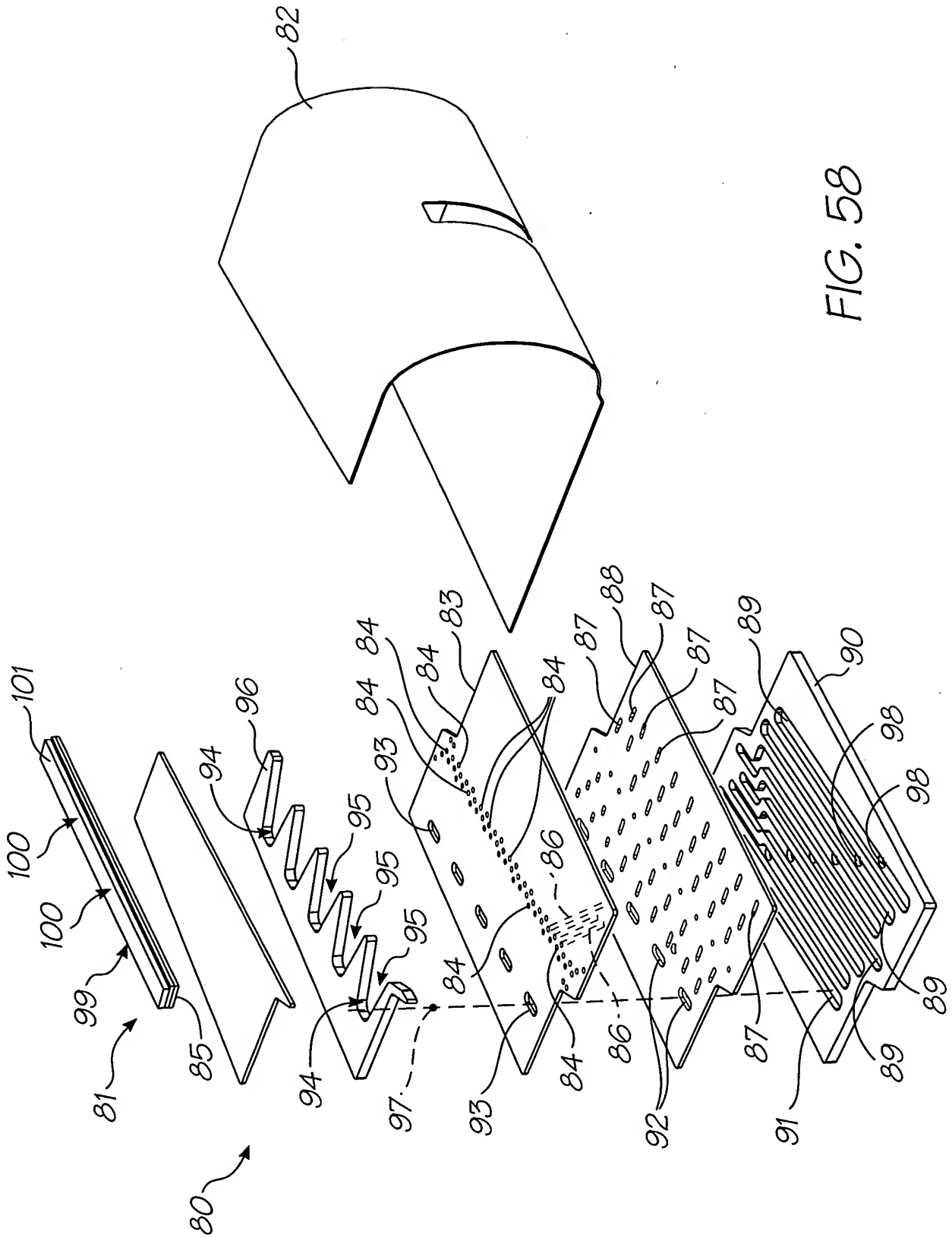


FIG. 57



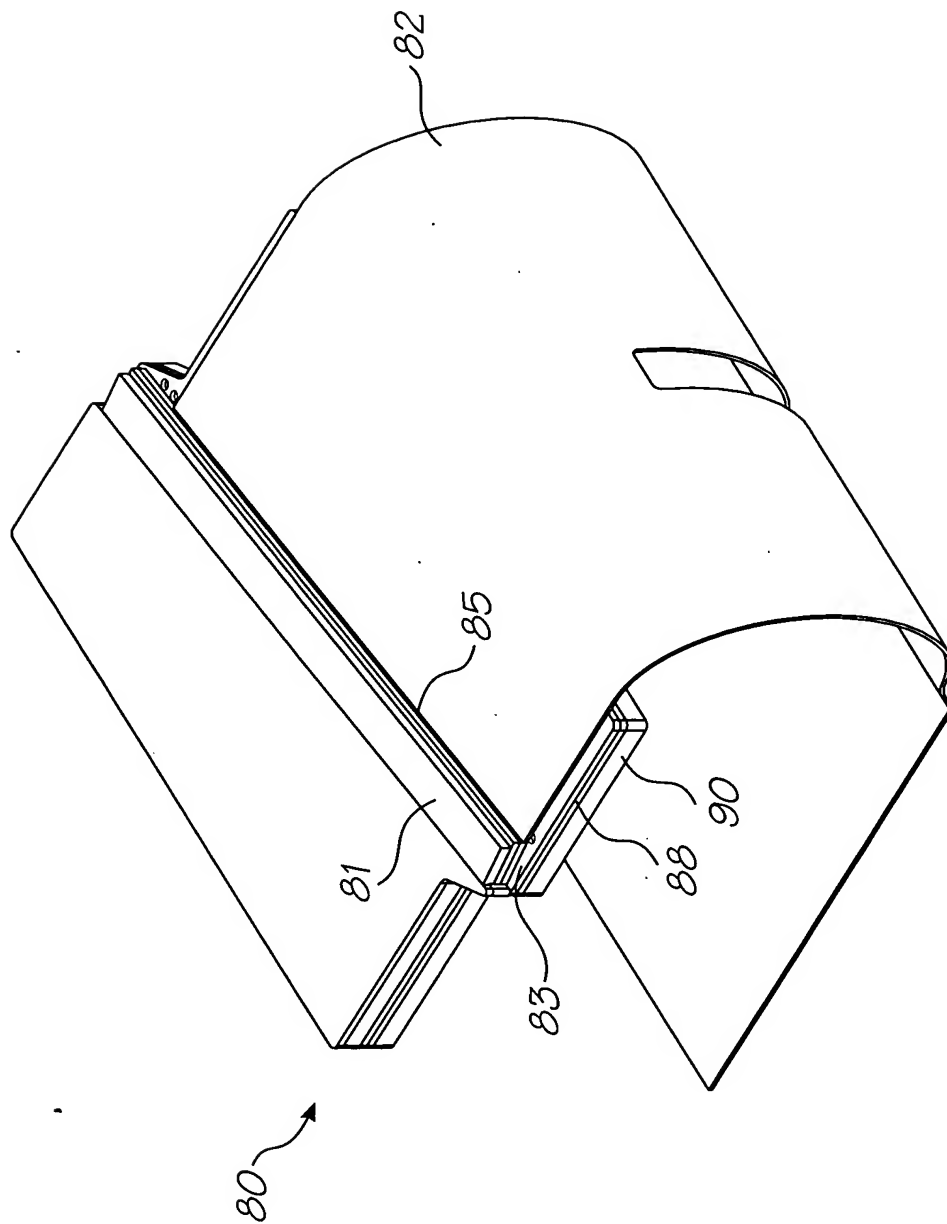


FIG. 59

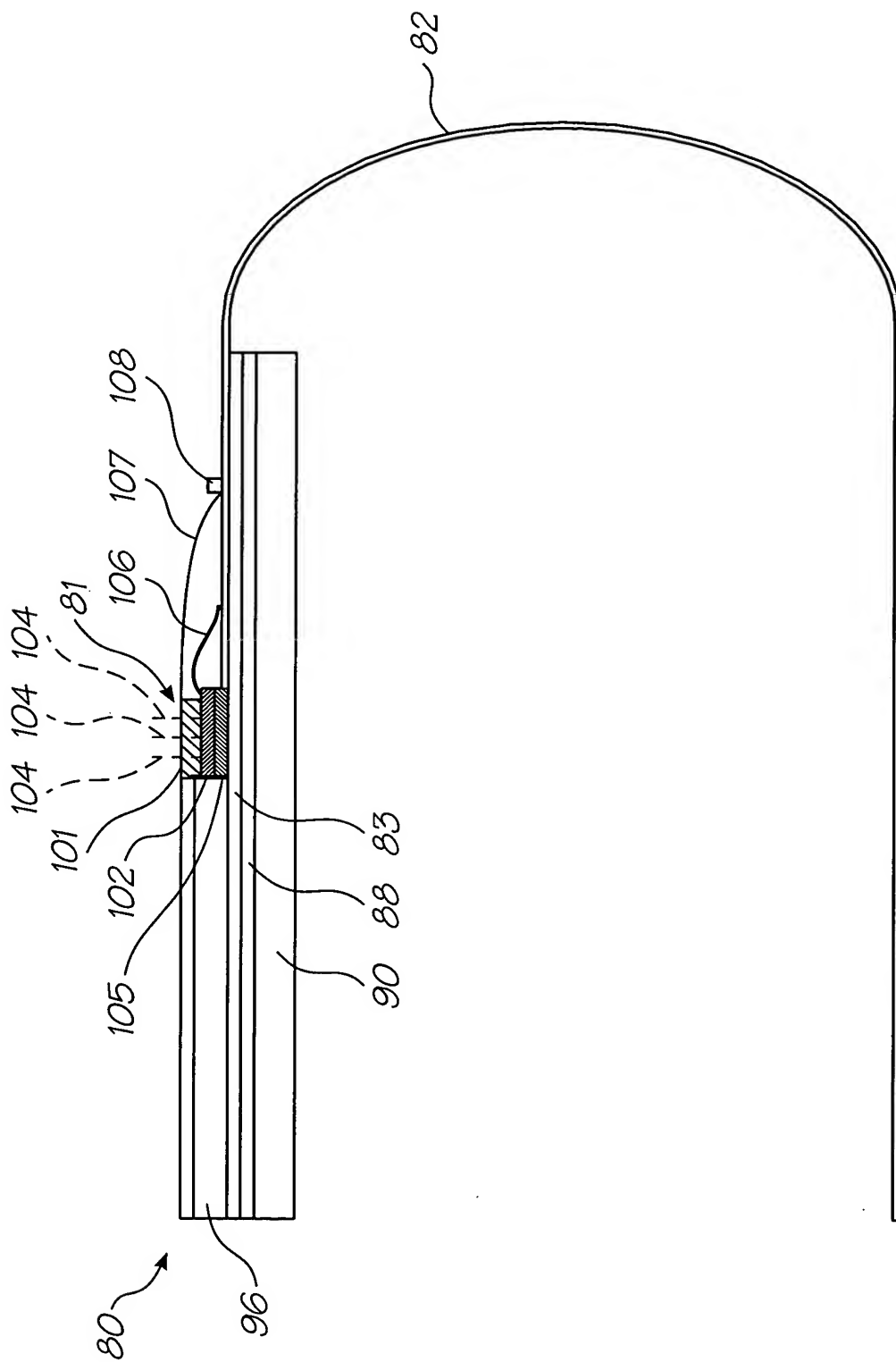


FIG. 60

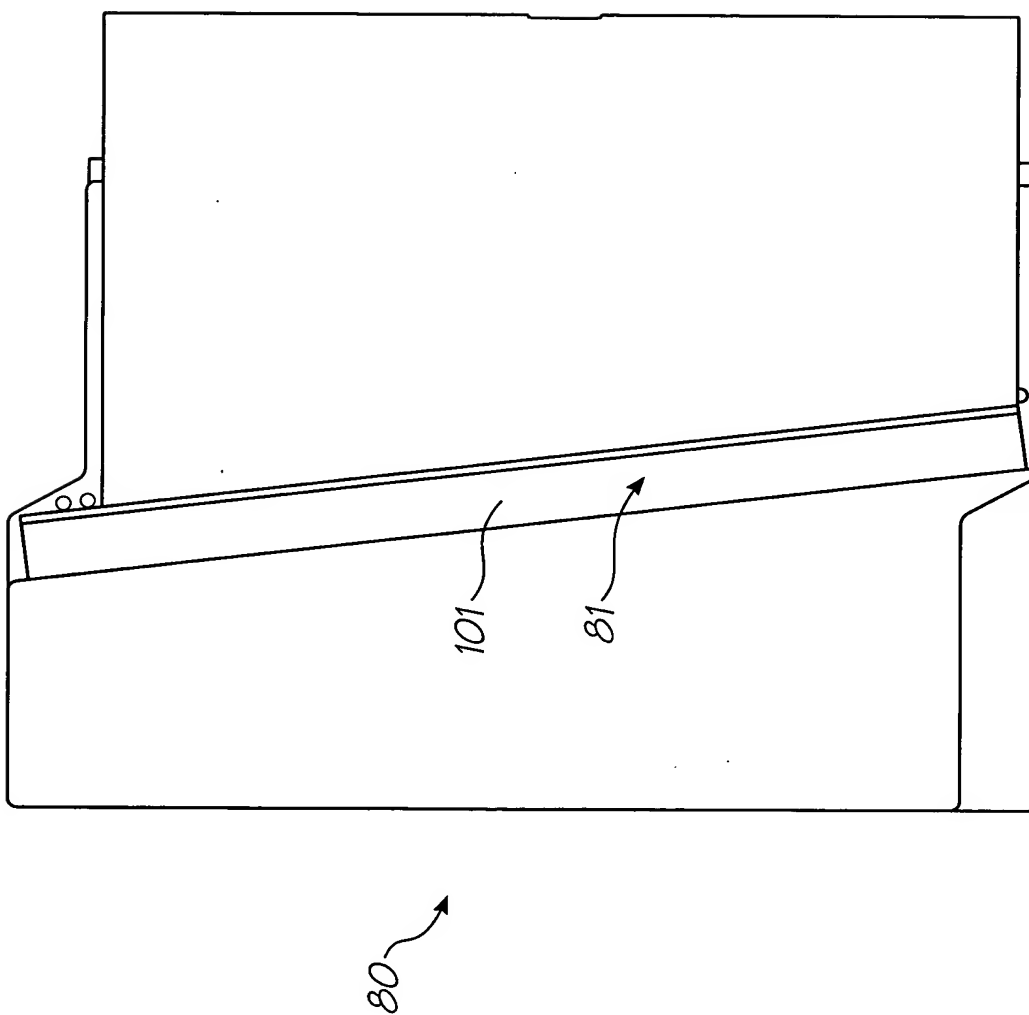


FIG. 61

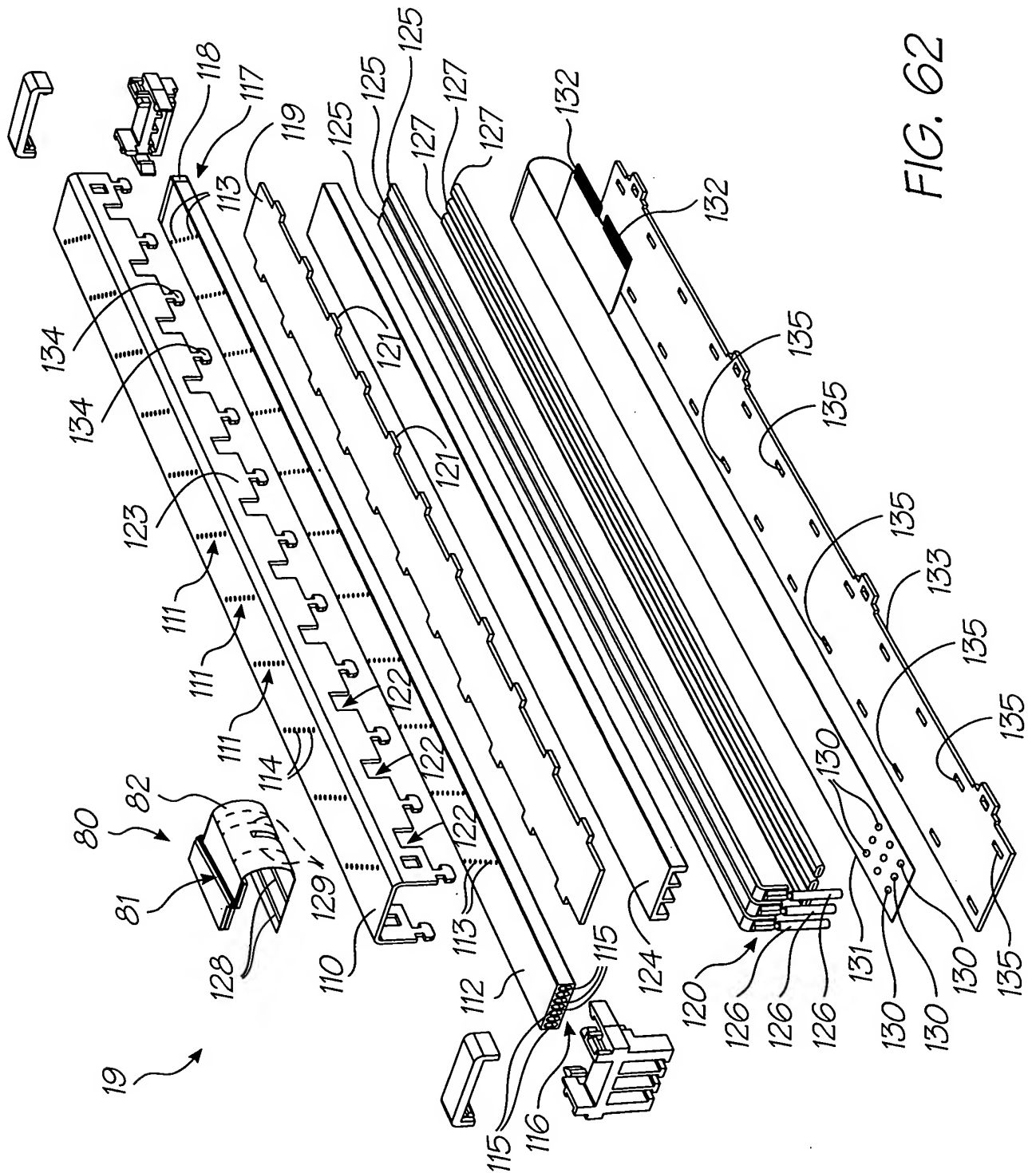


FIG. 62

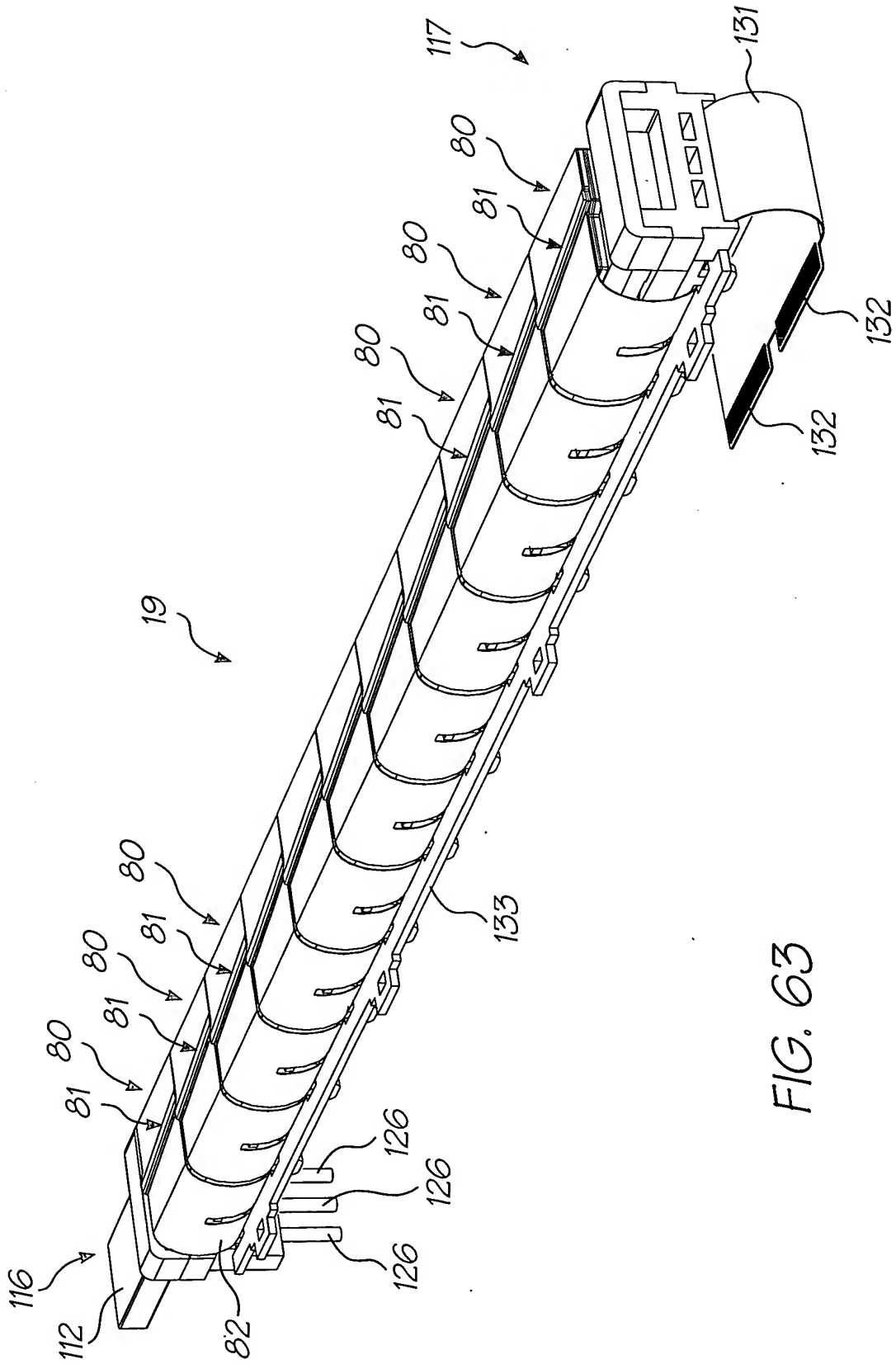
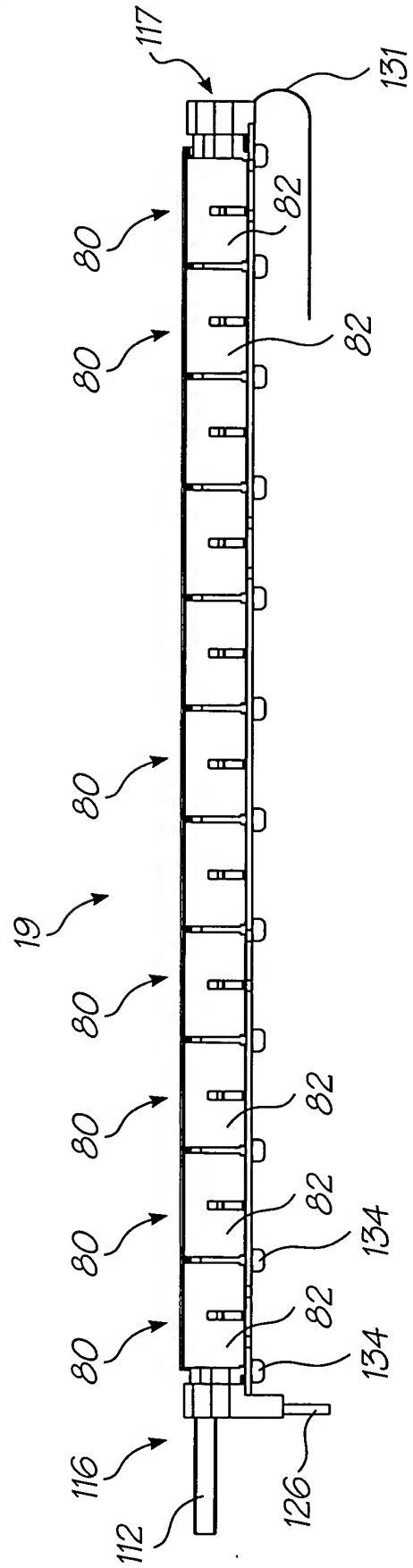
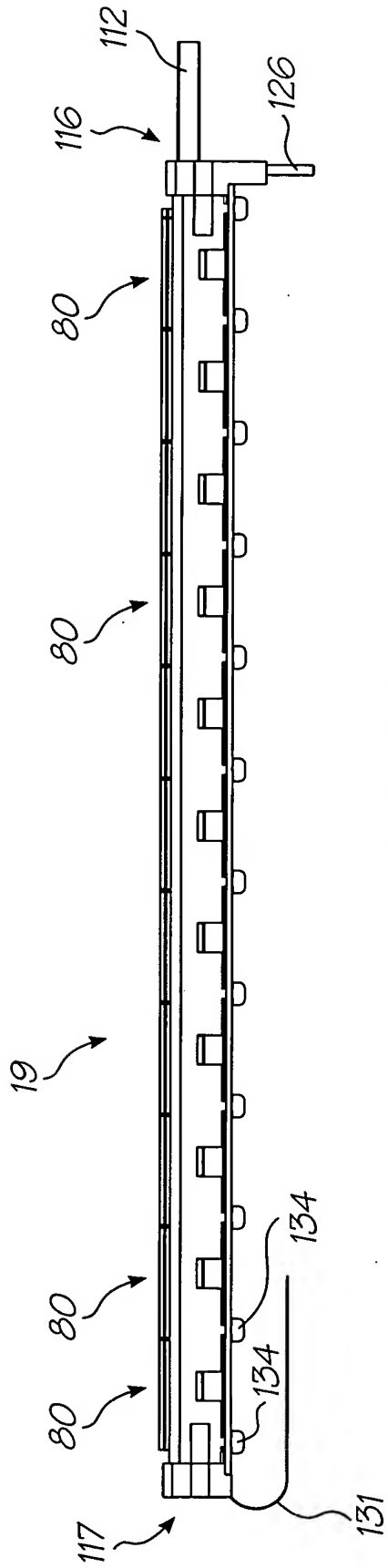
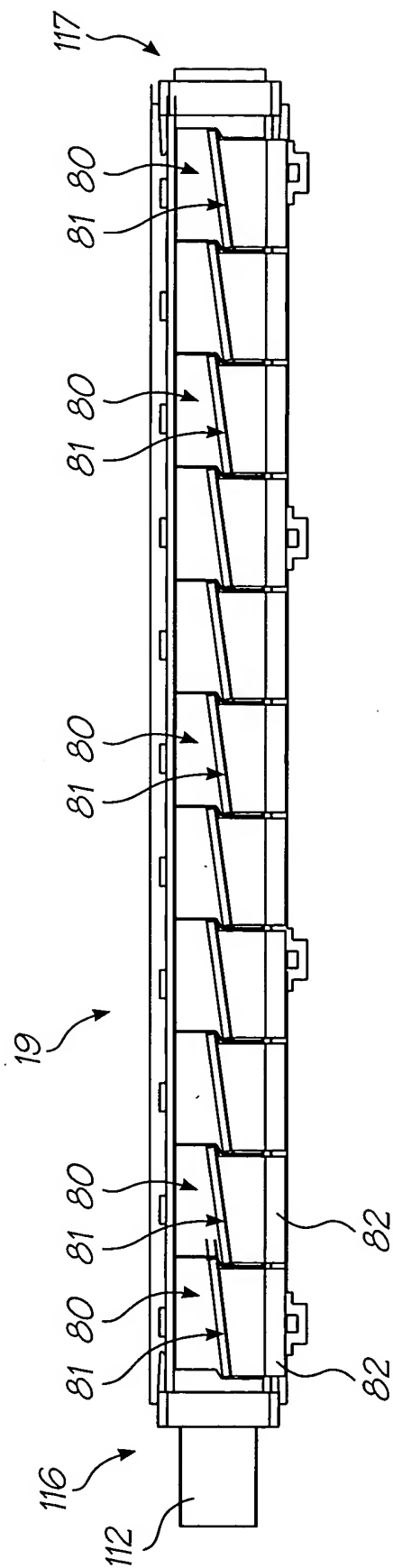
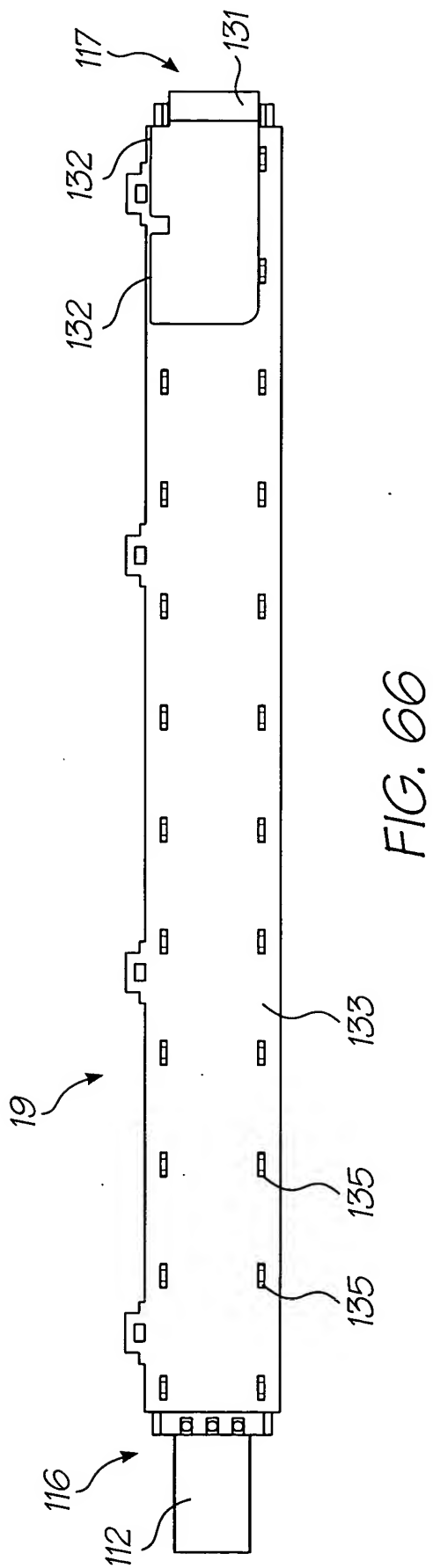


FIG. 63





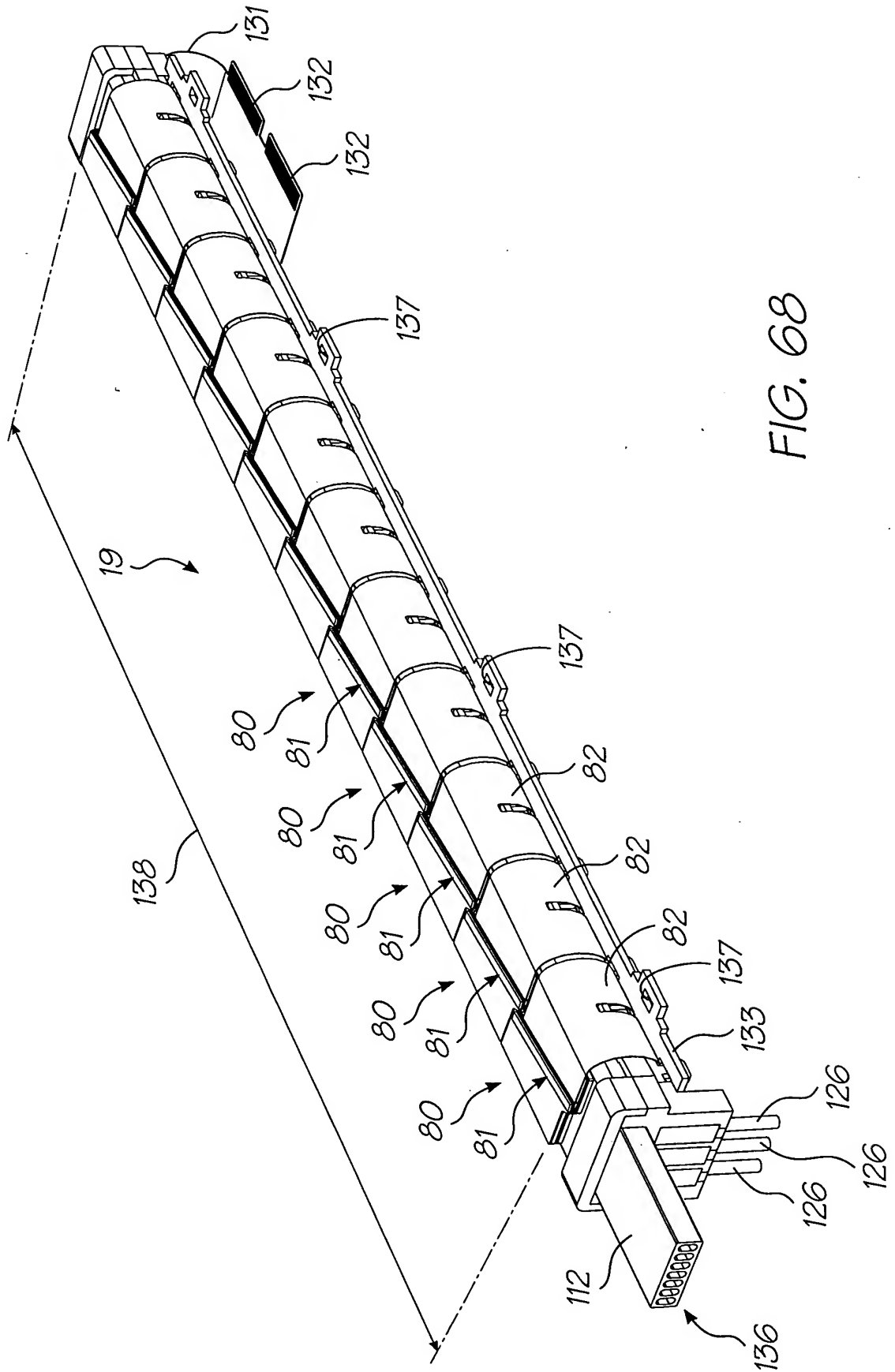


FIG. 68

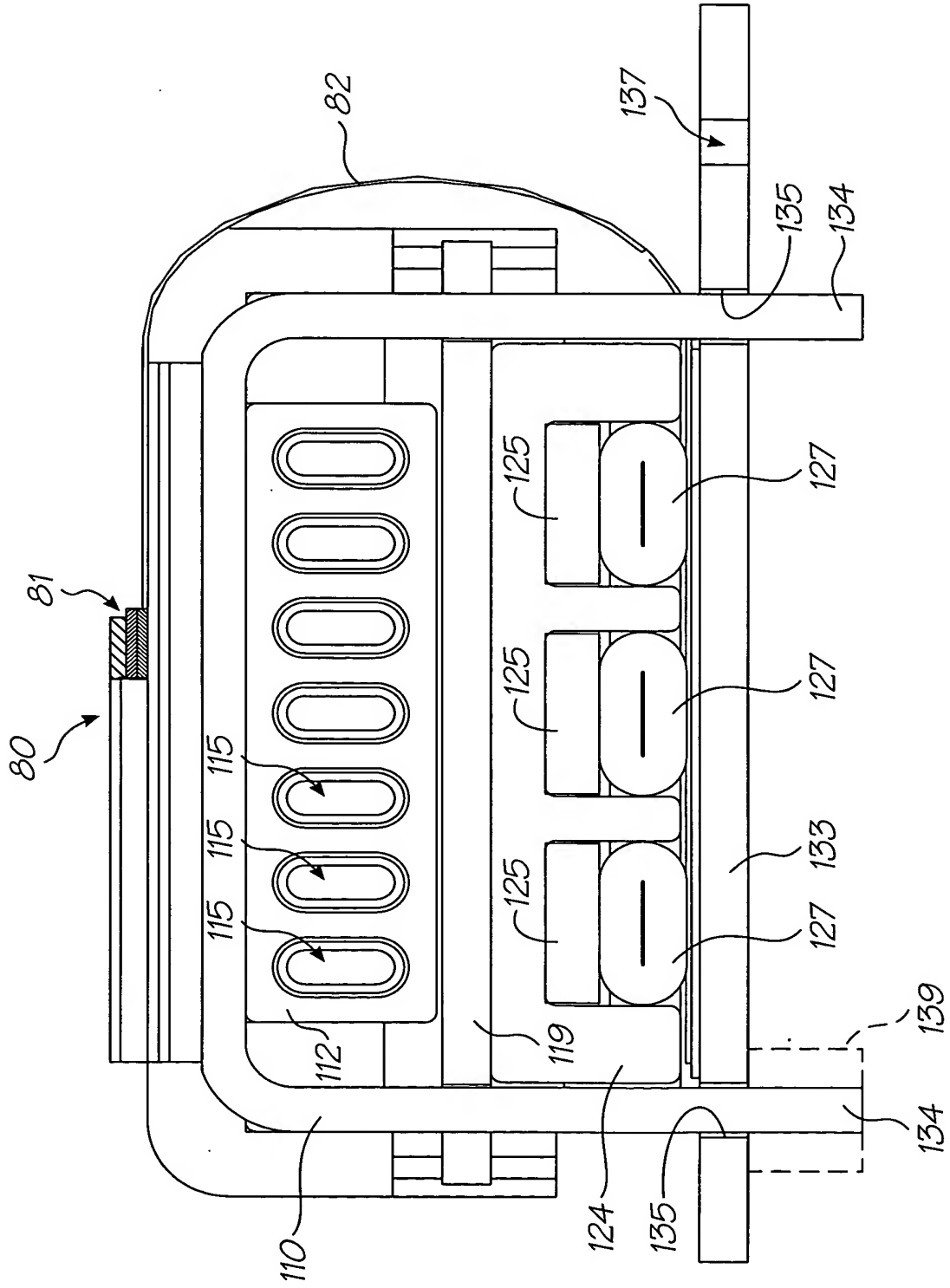


FIG. 69

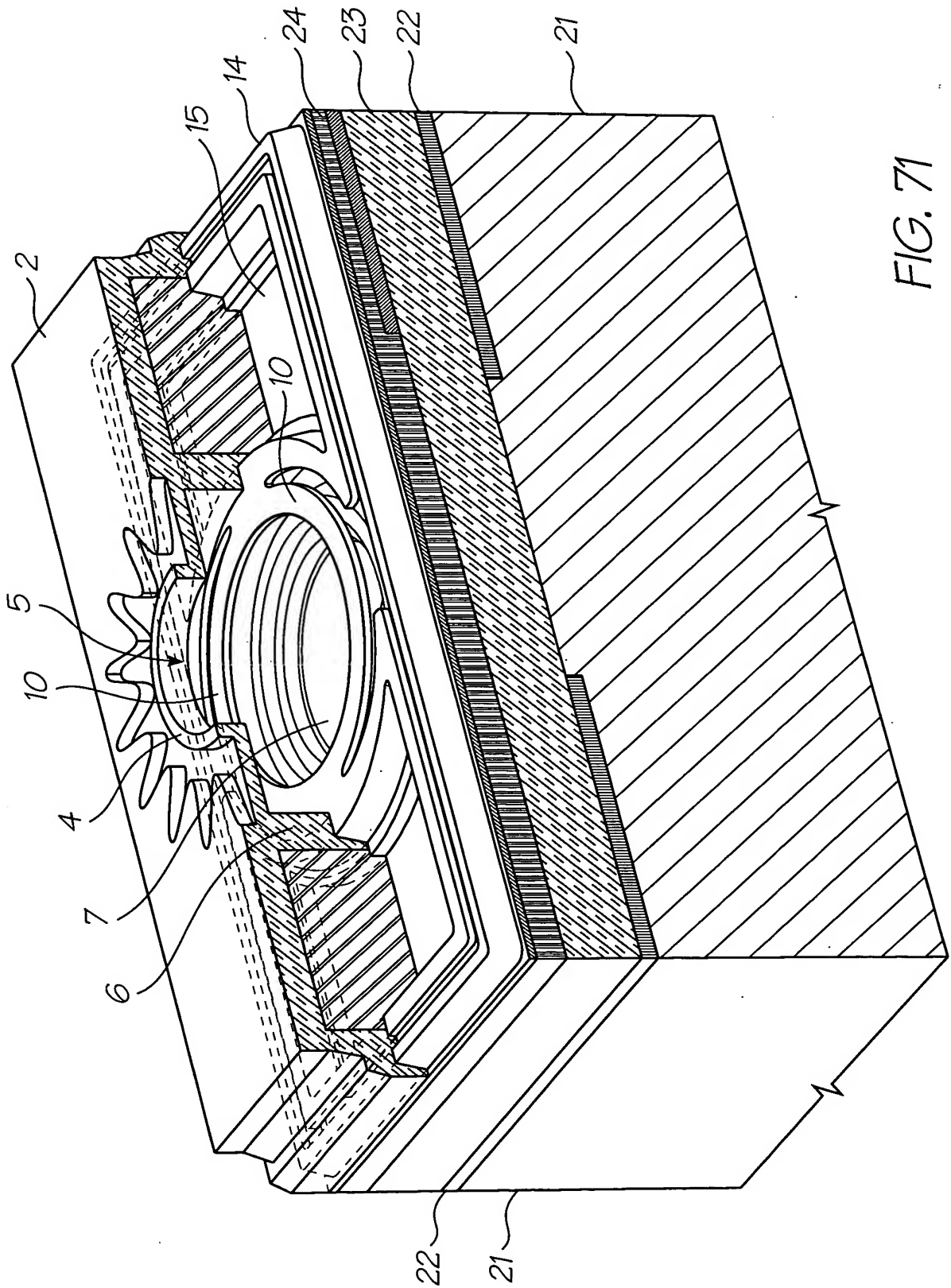


FIG. 71

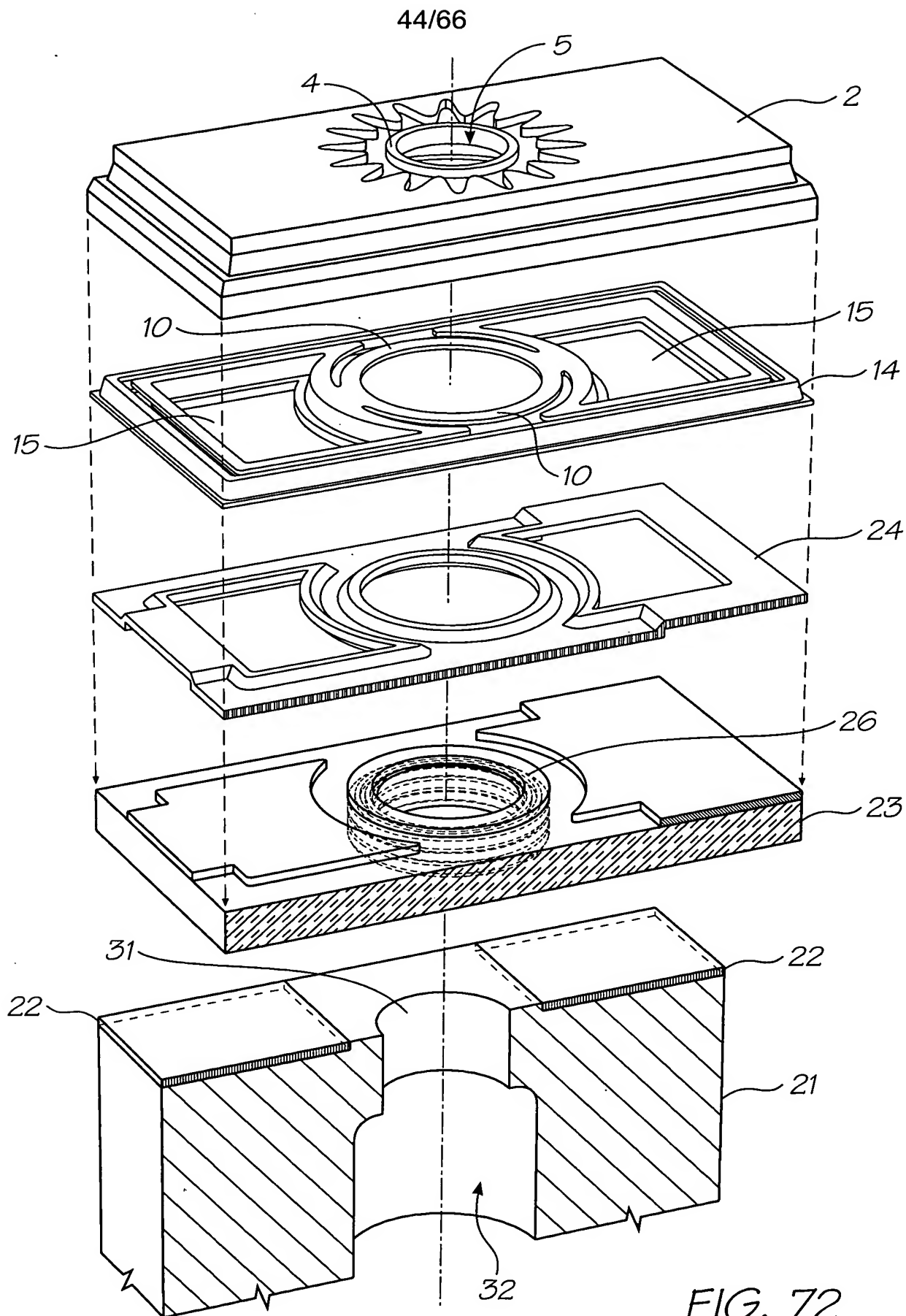


FIG. 72

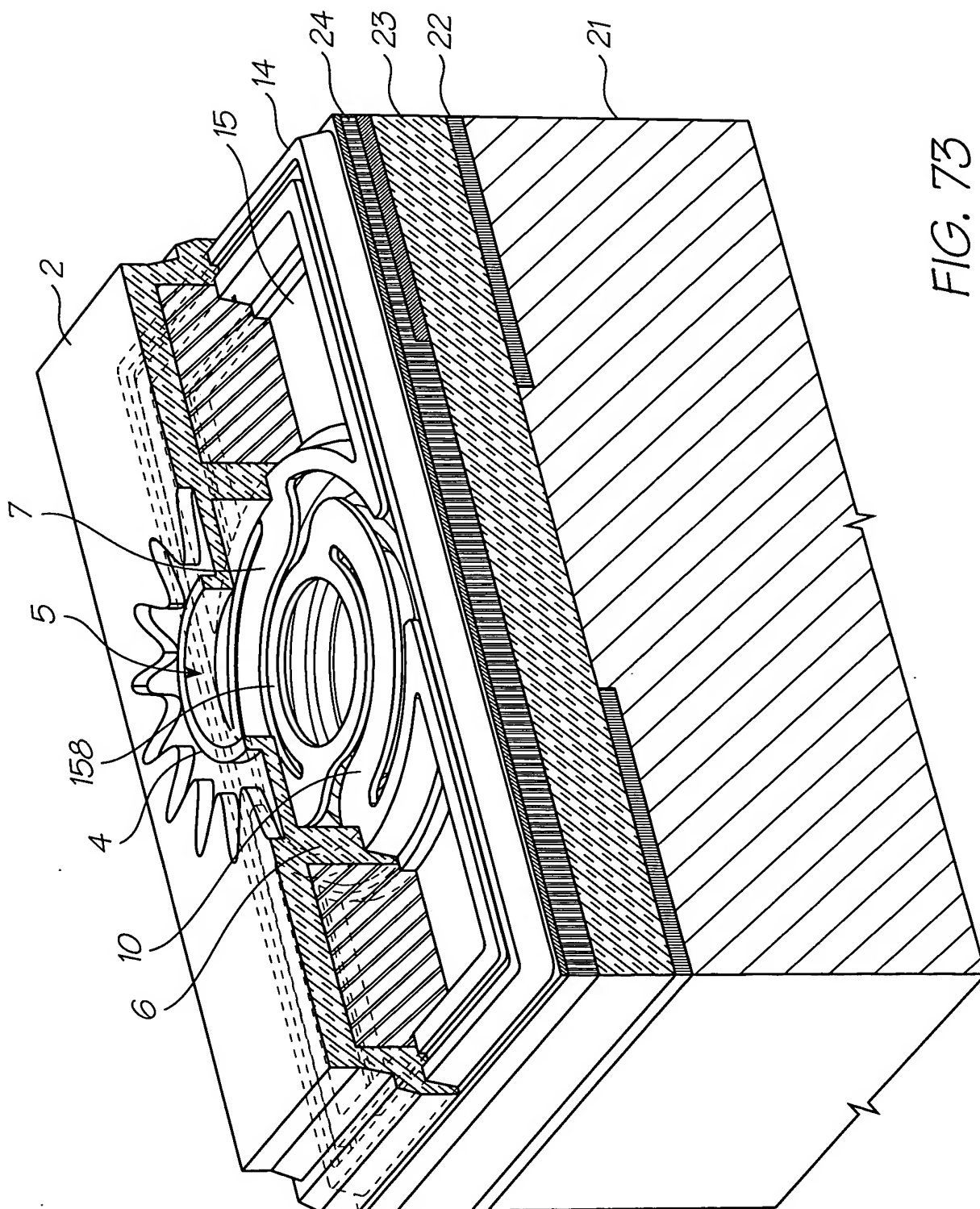


FIG. 73

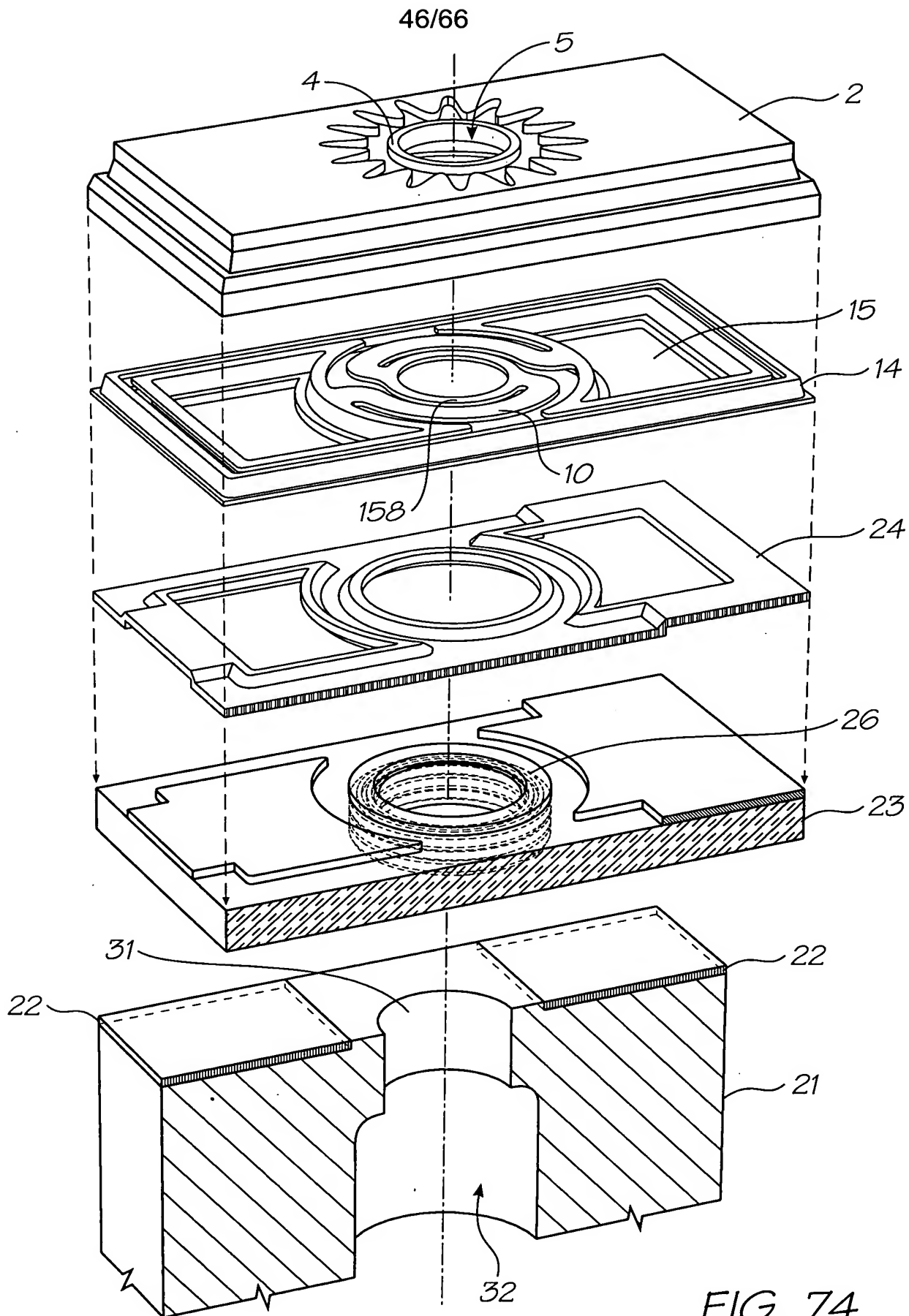
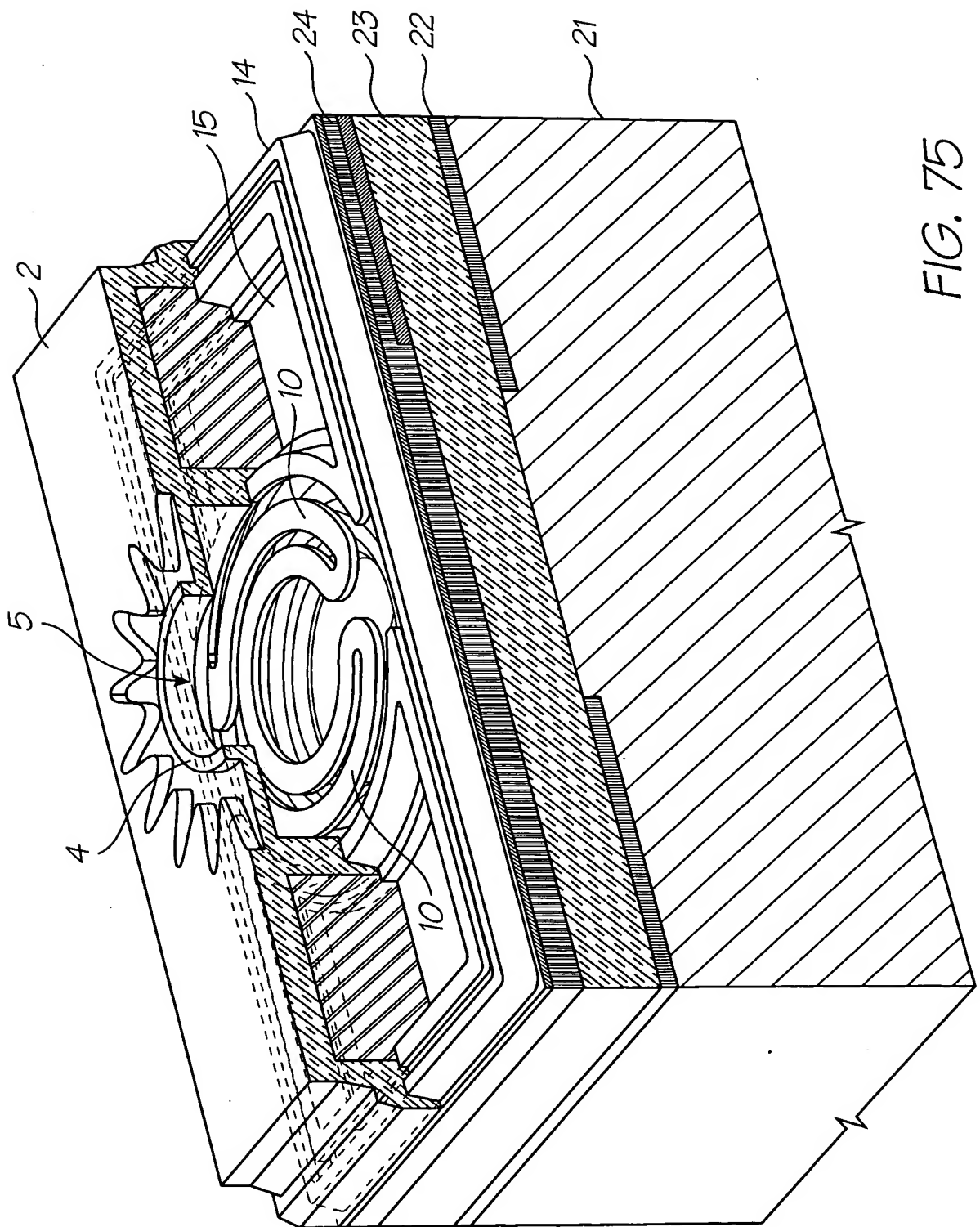


FIG. 74



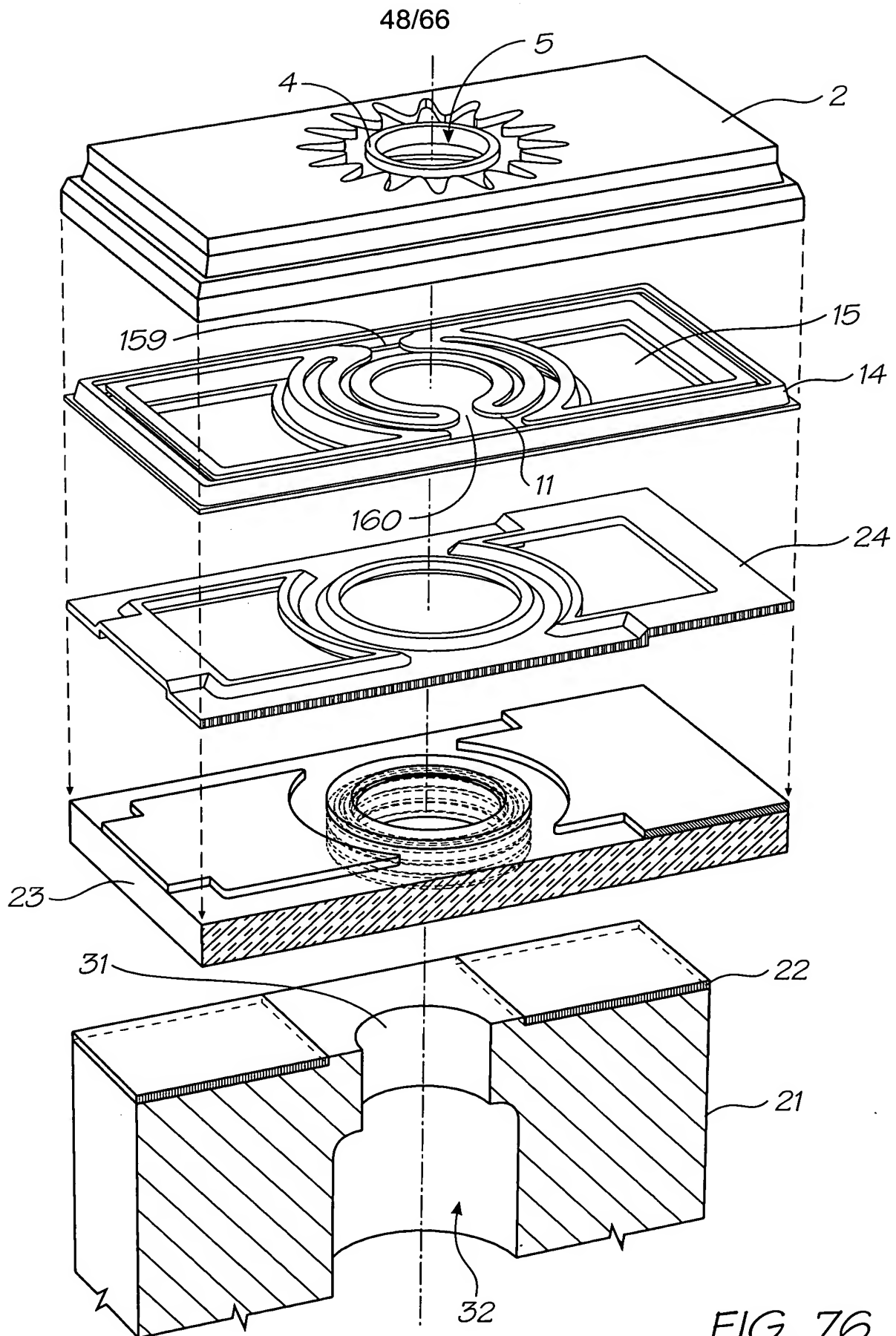
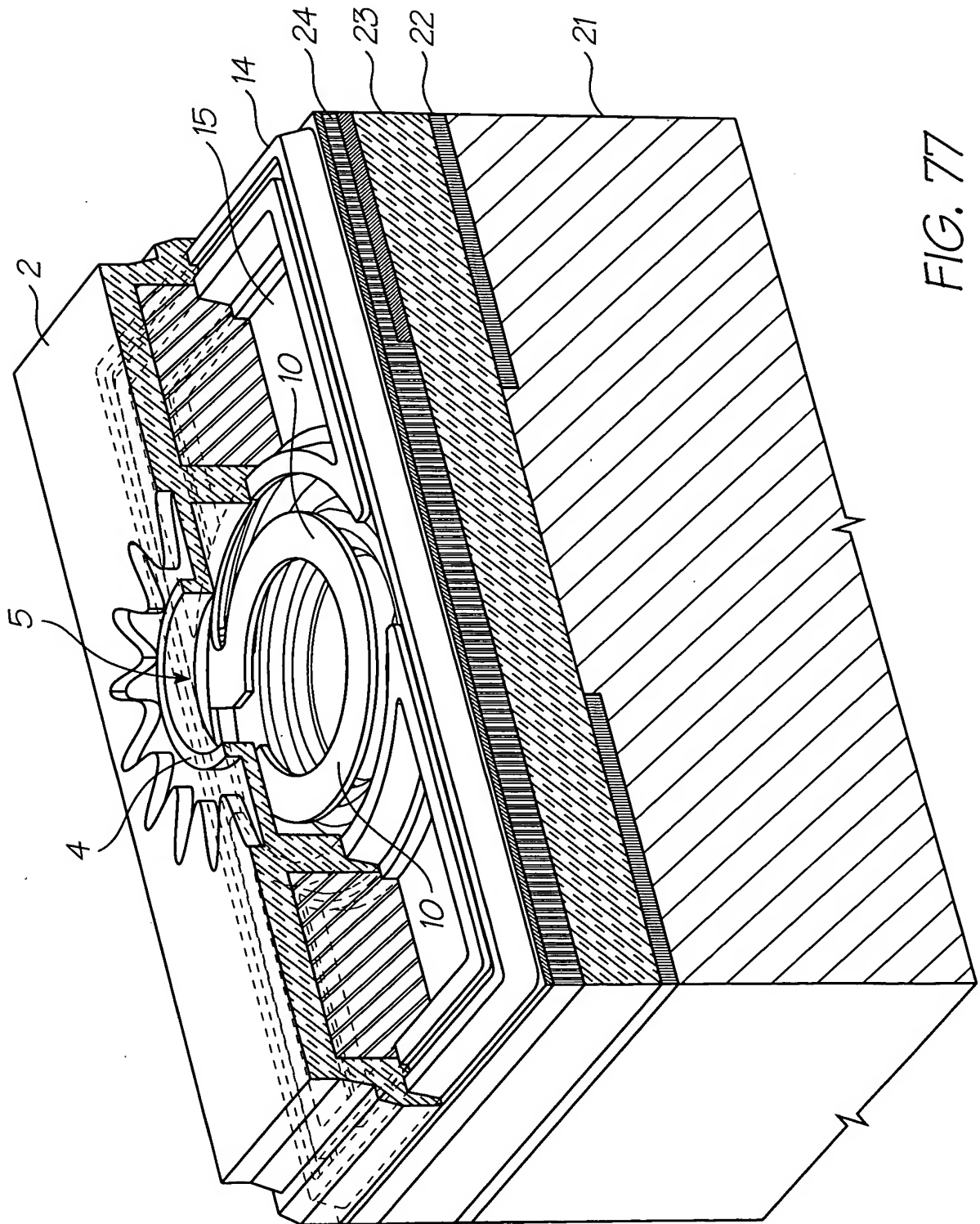


FIG. 76



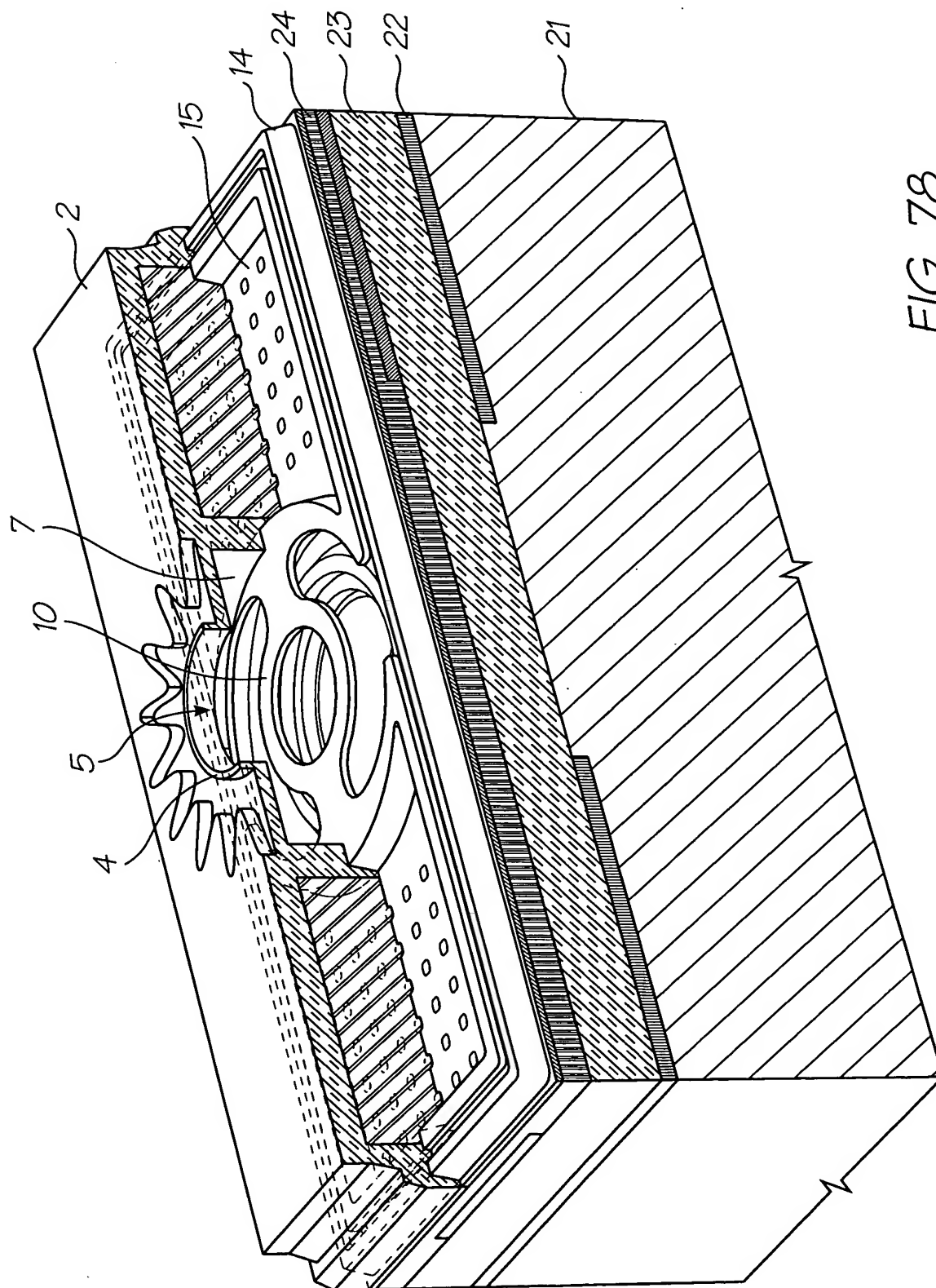


FIG. 78

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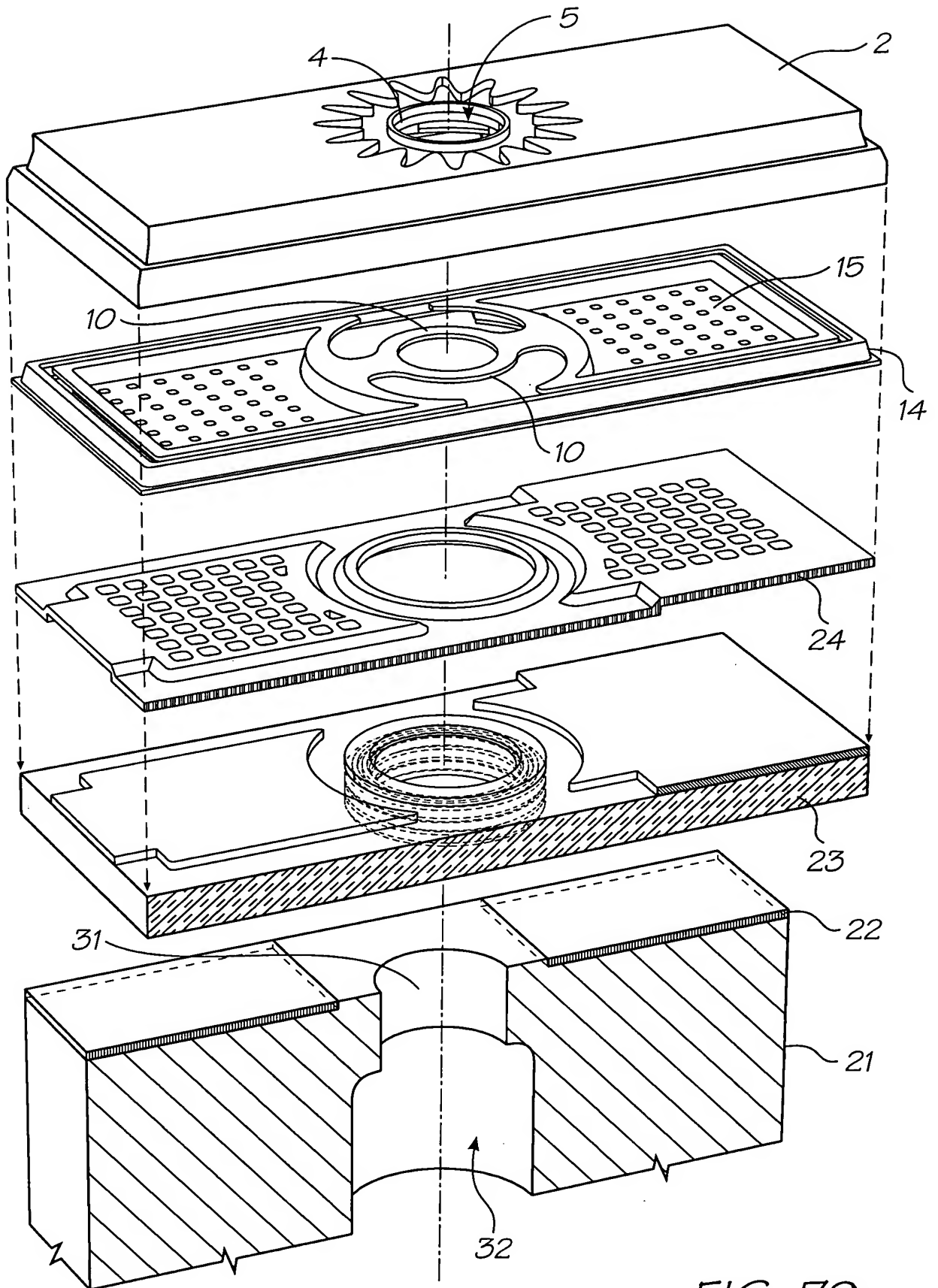


FIG. 79

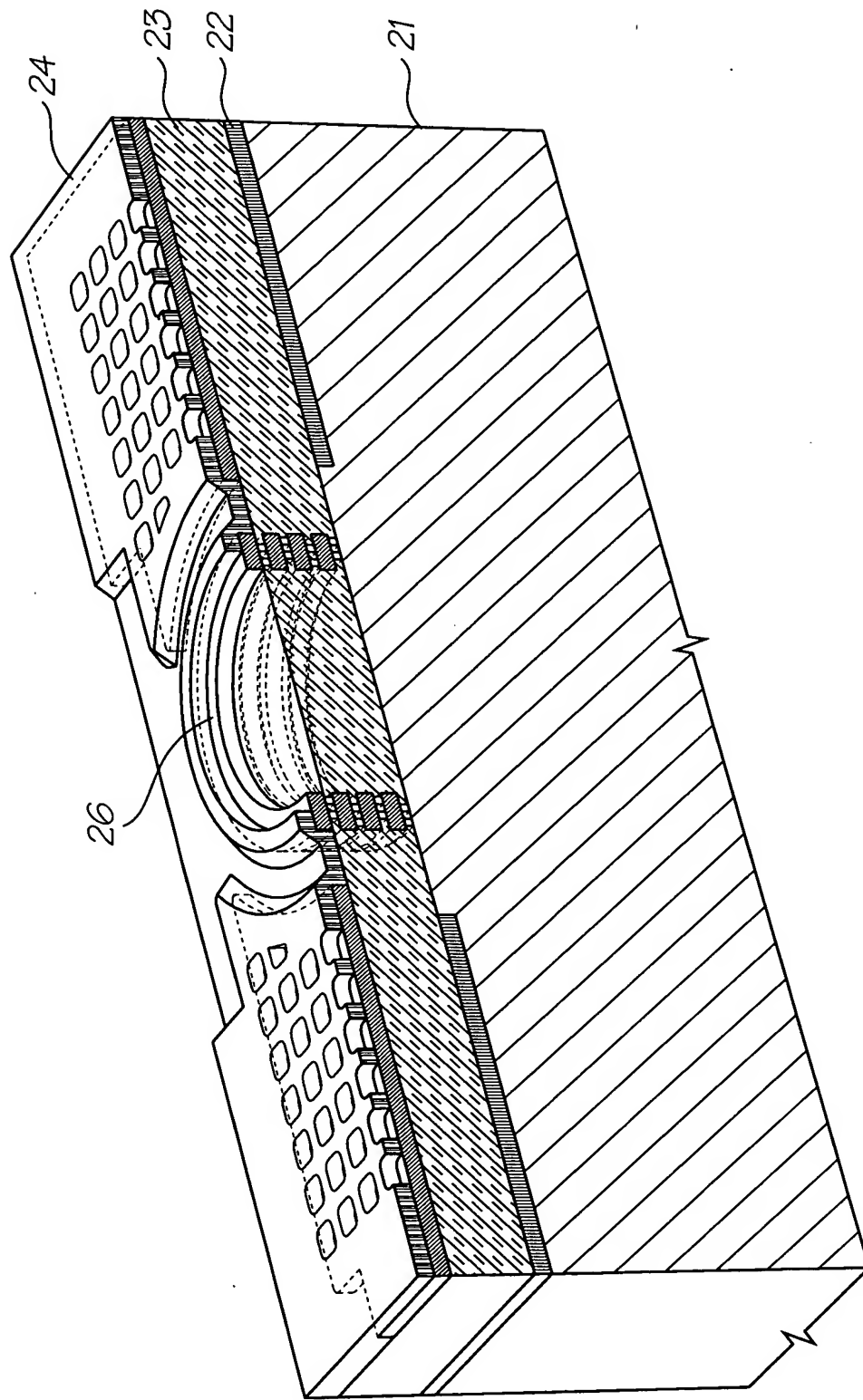


FIG. 80

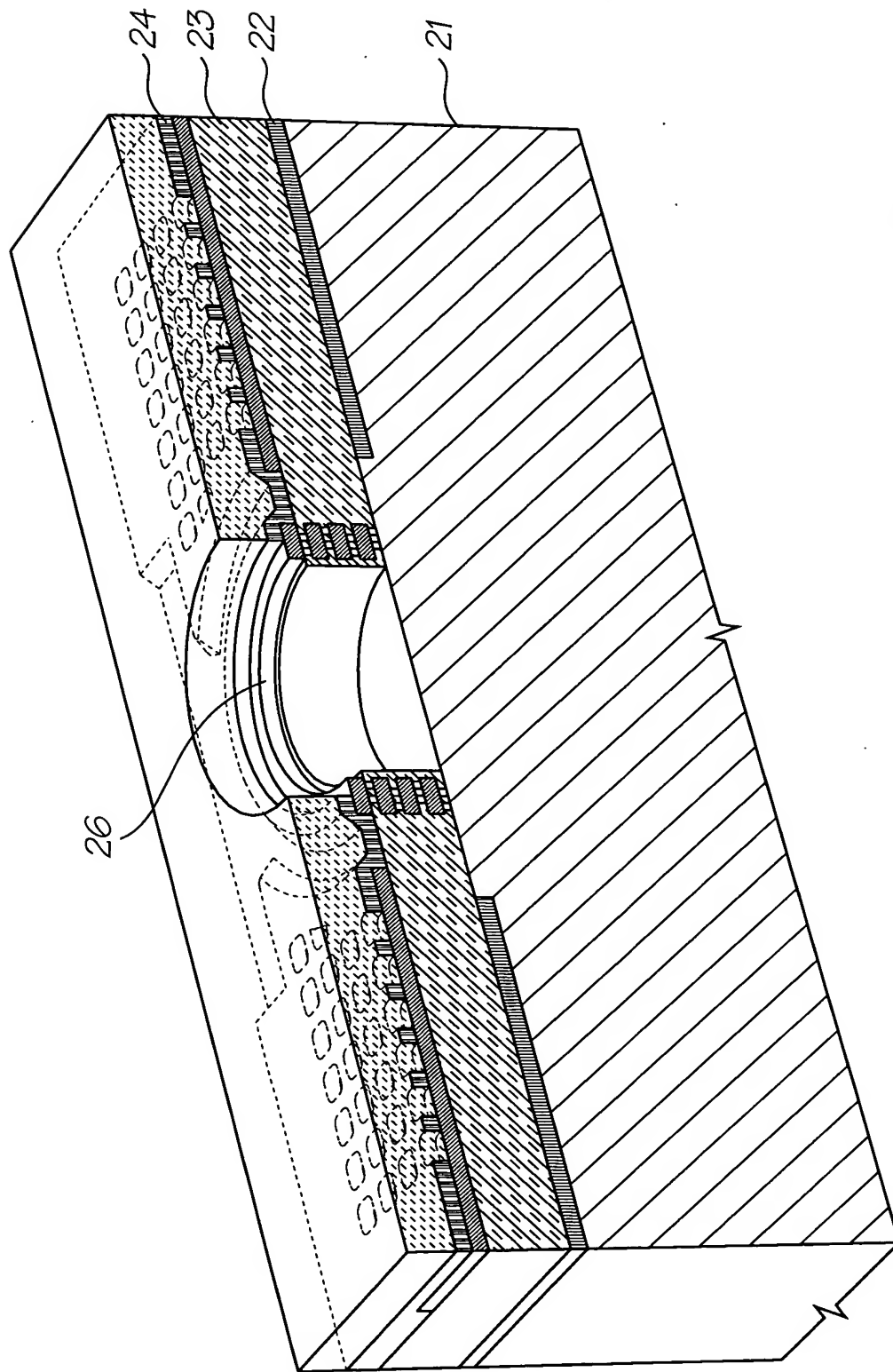


FIG. 81

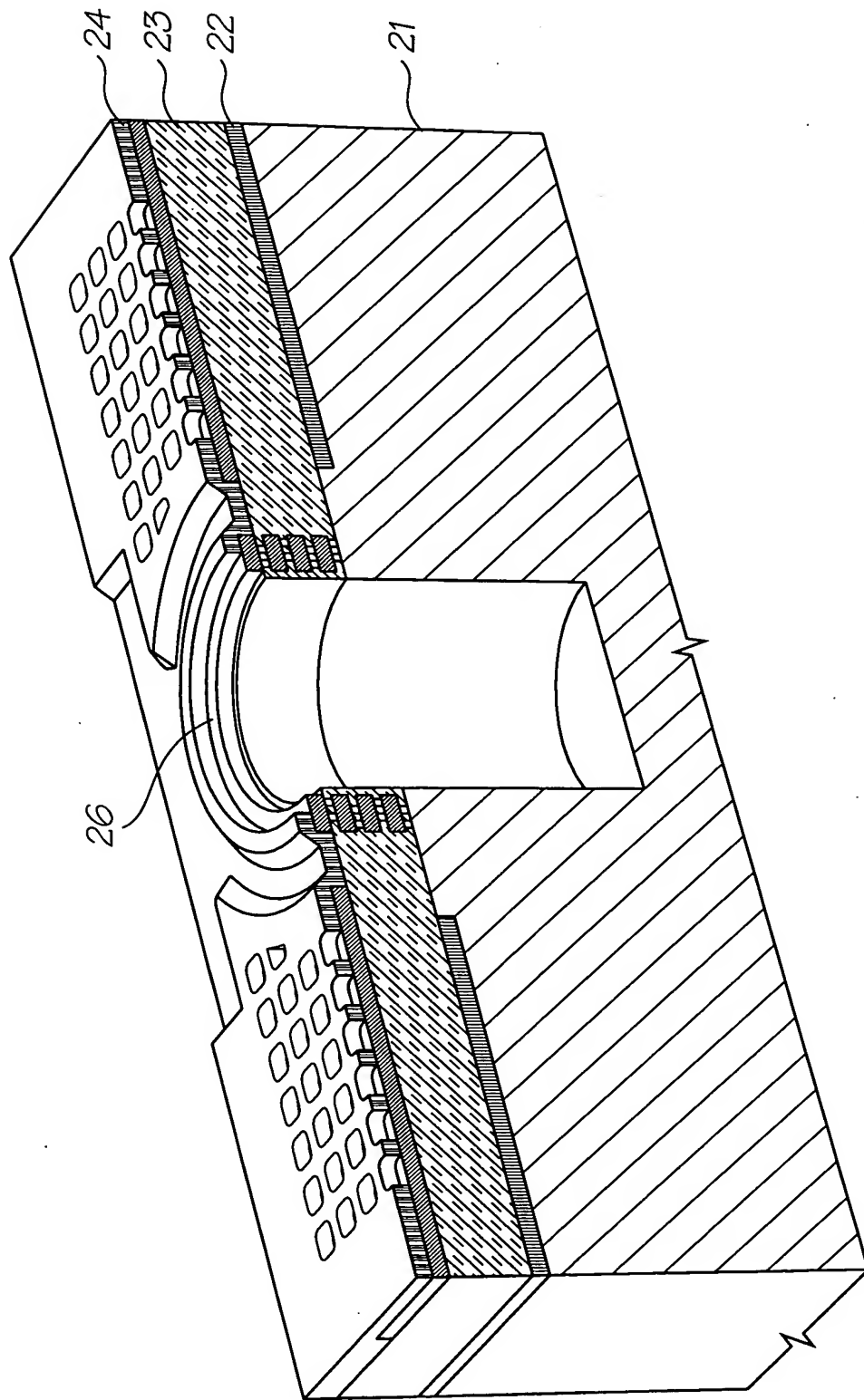


FIG. 82

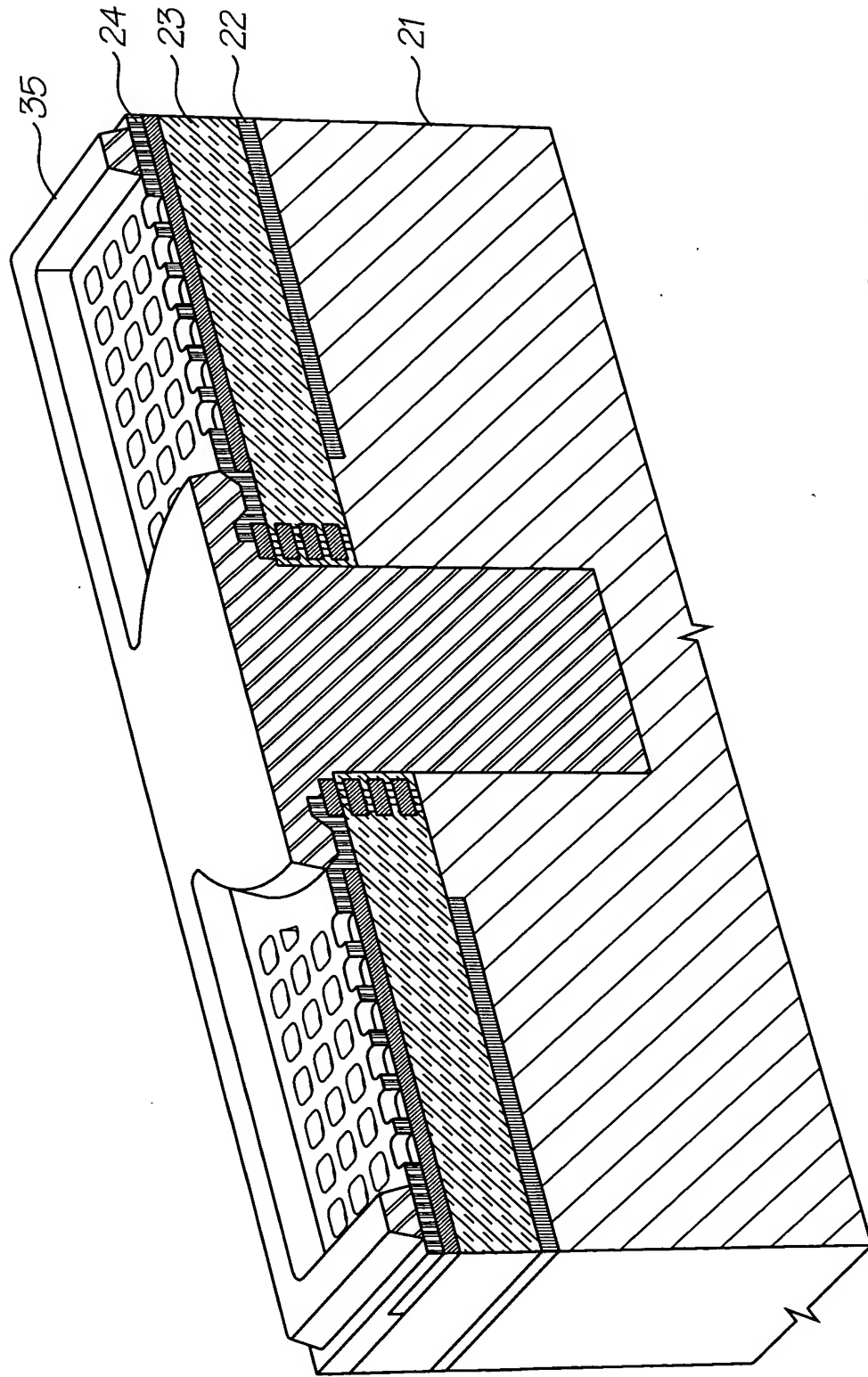


FIG. 83

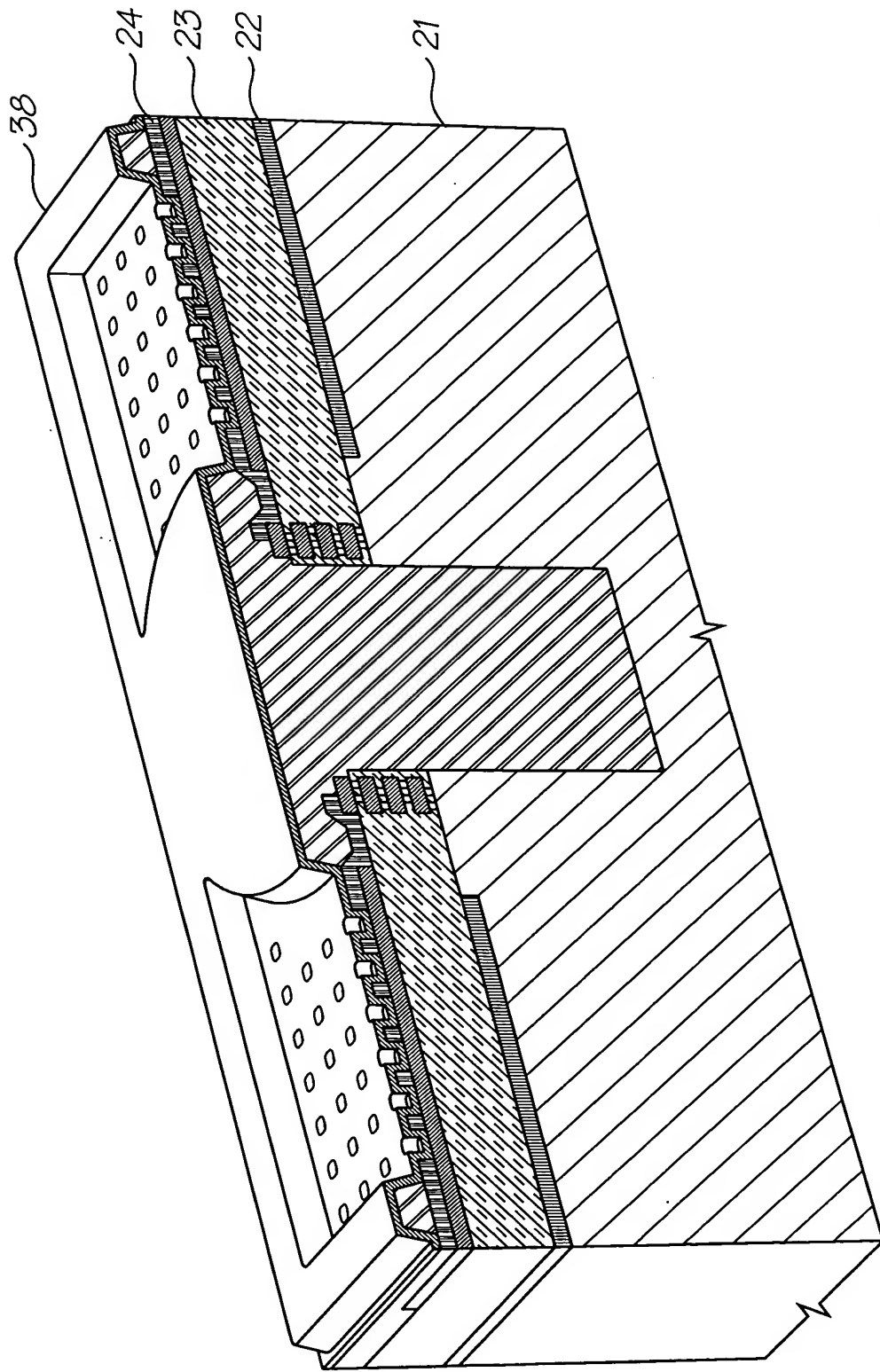


FIG. 84

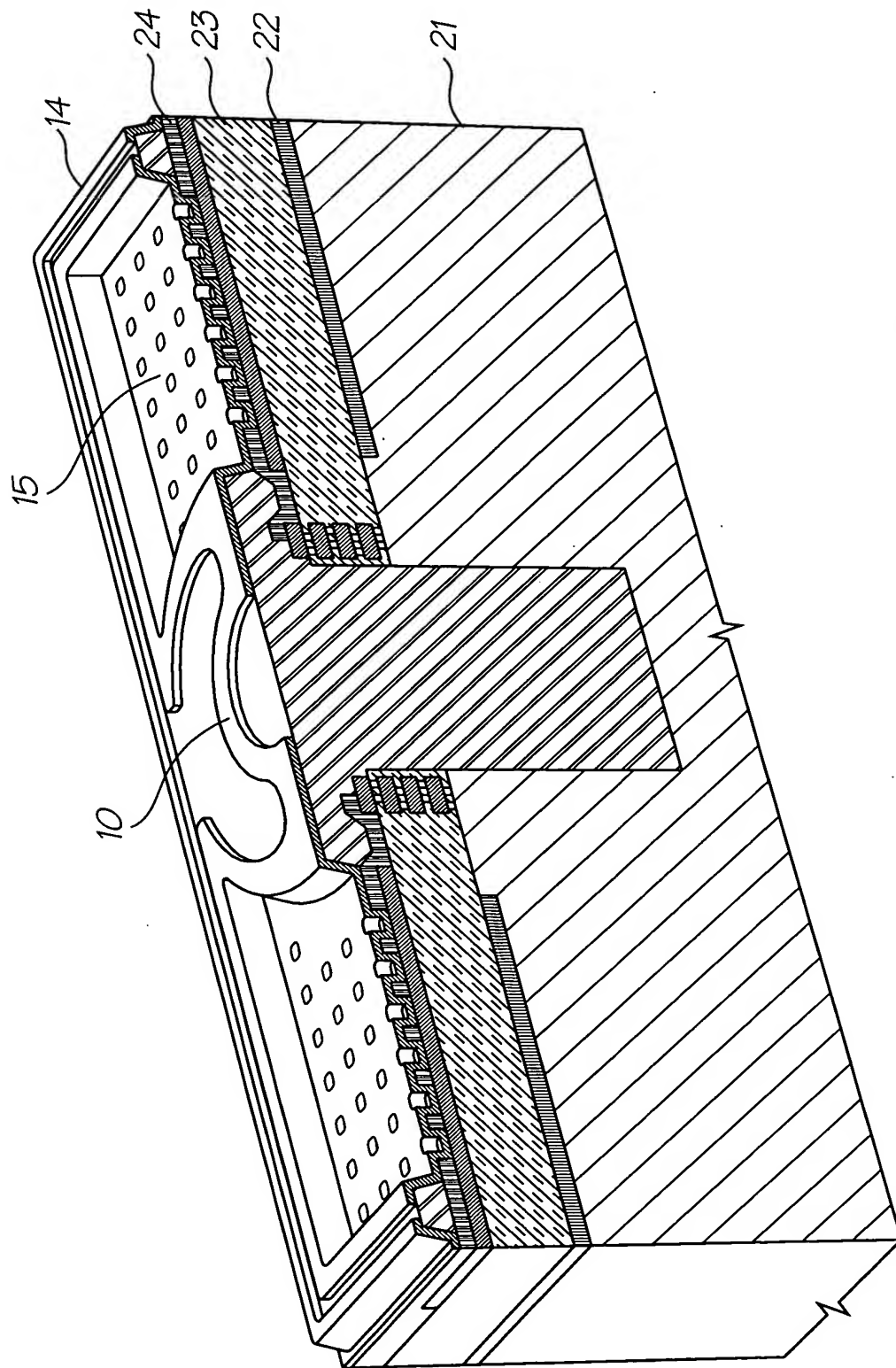


FIG. 85

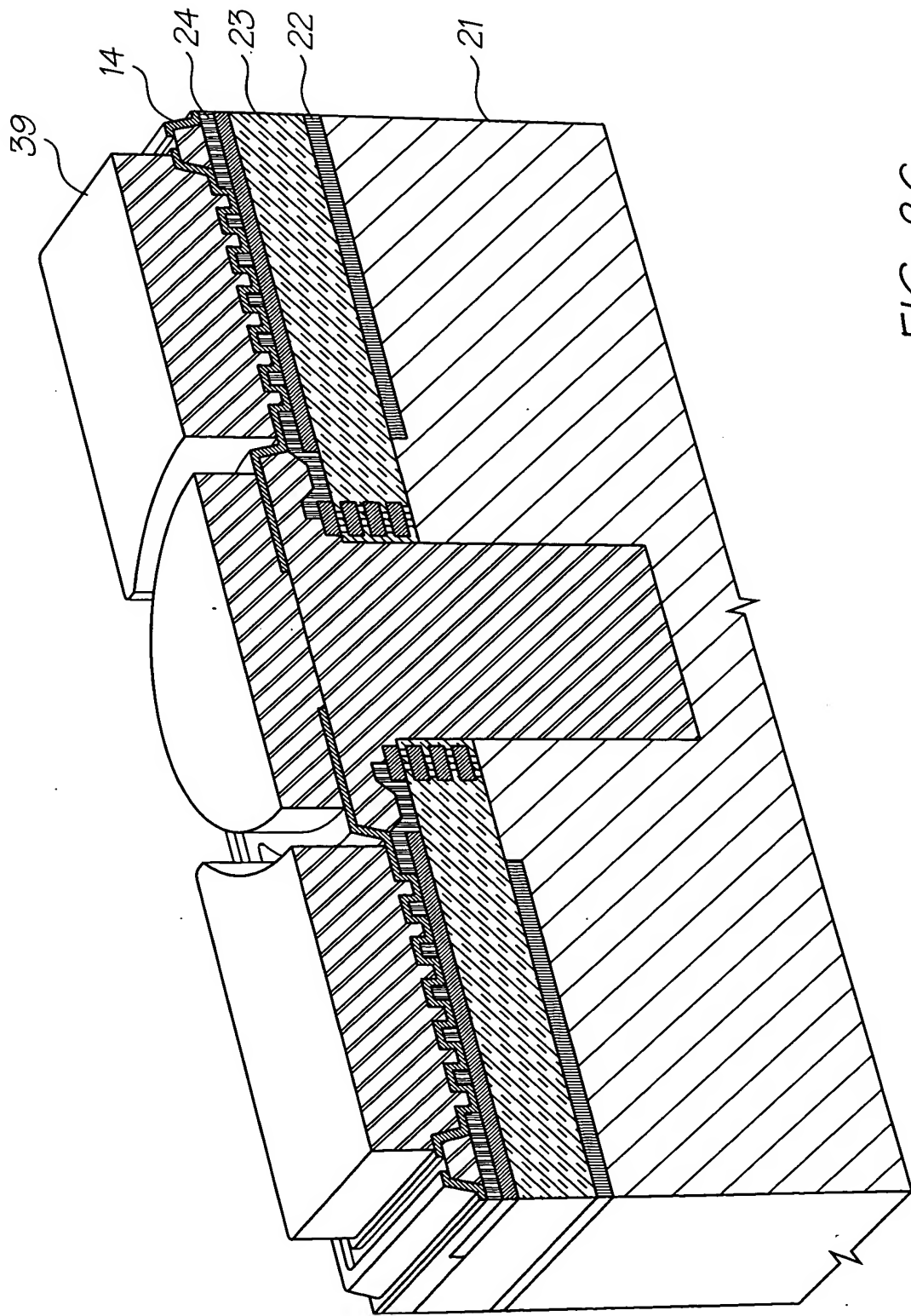


FIG. 86

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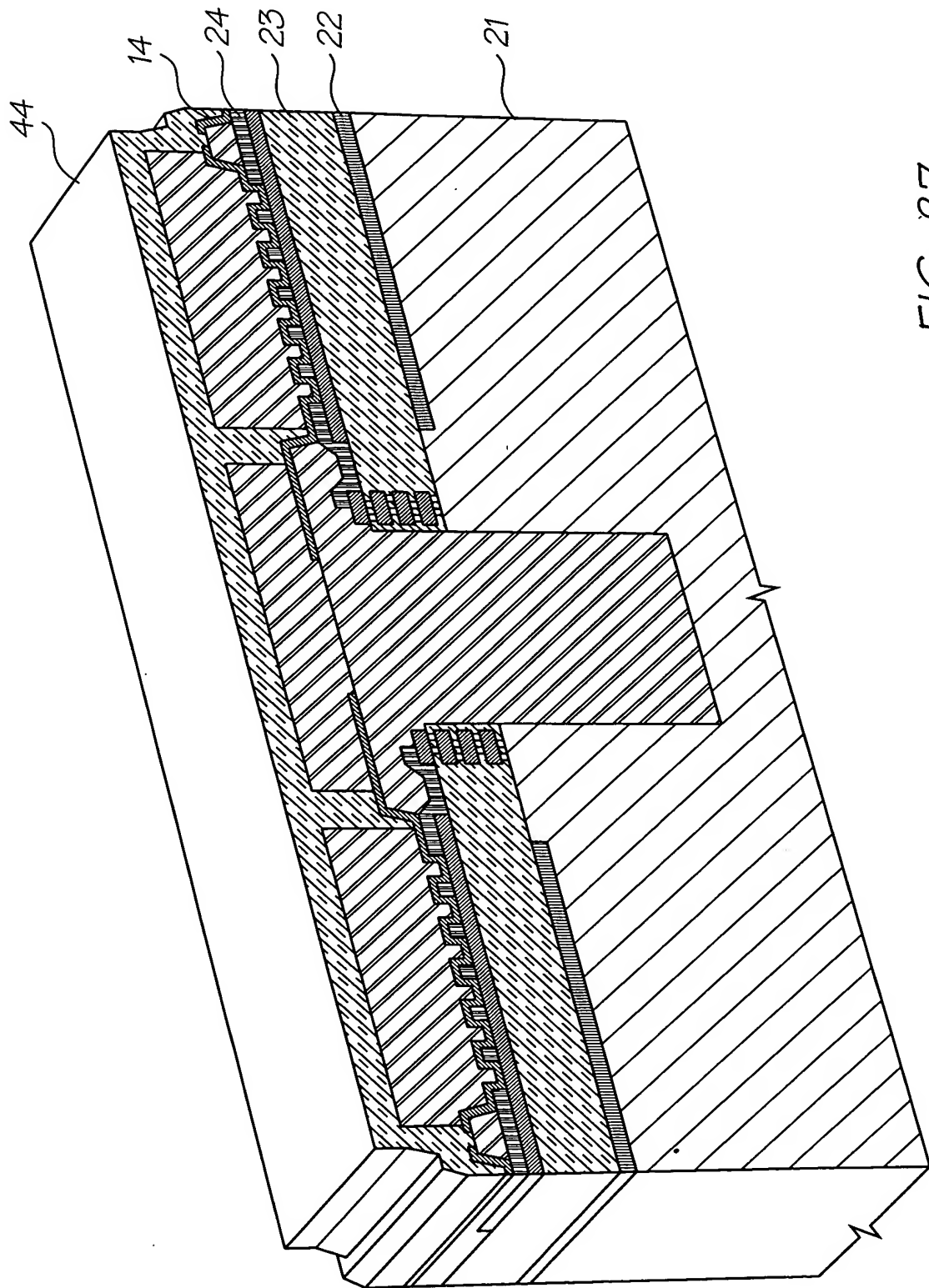


FIG. 87

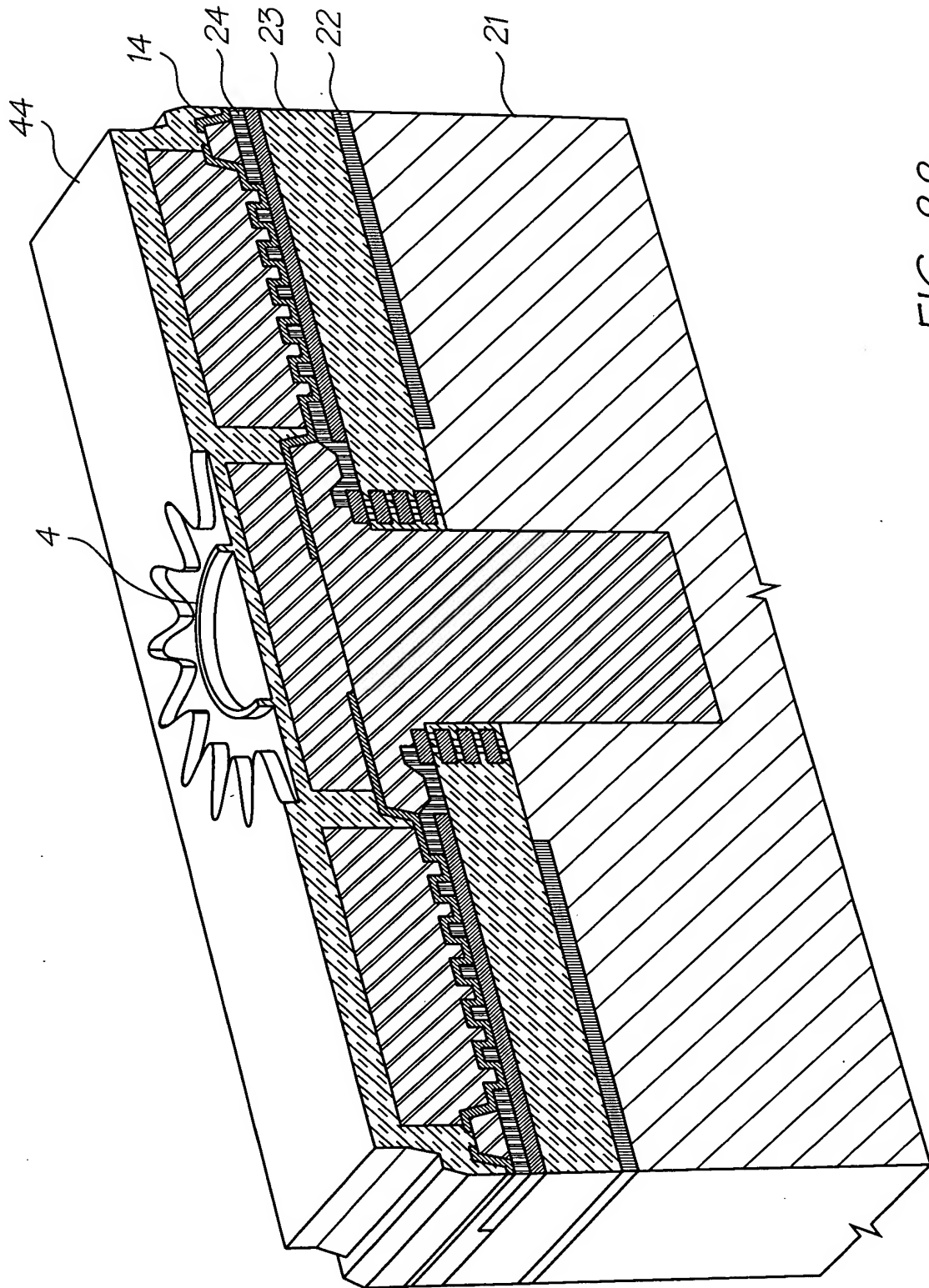


FIG. 88

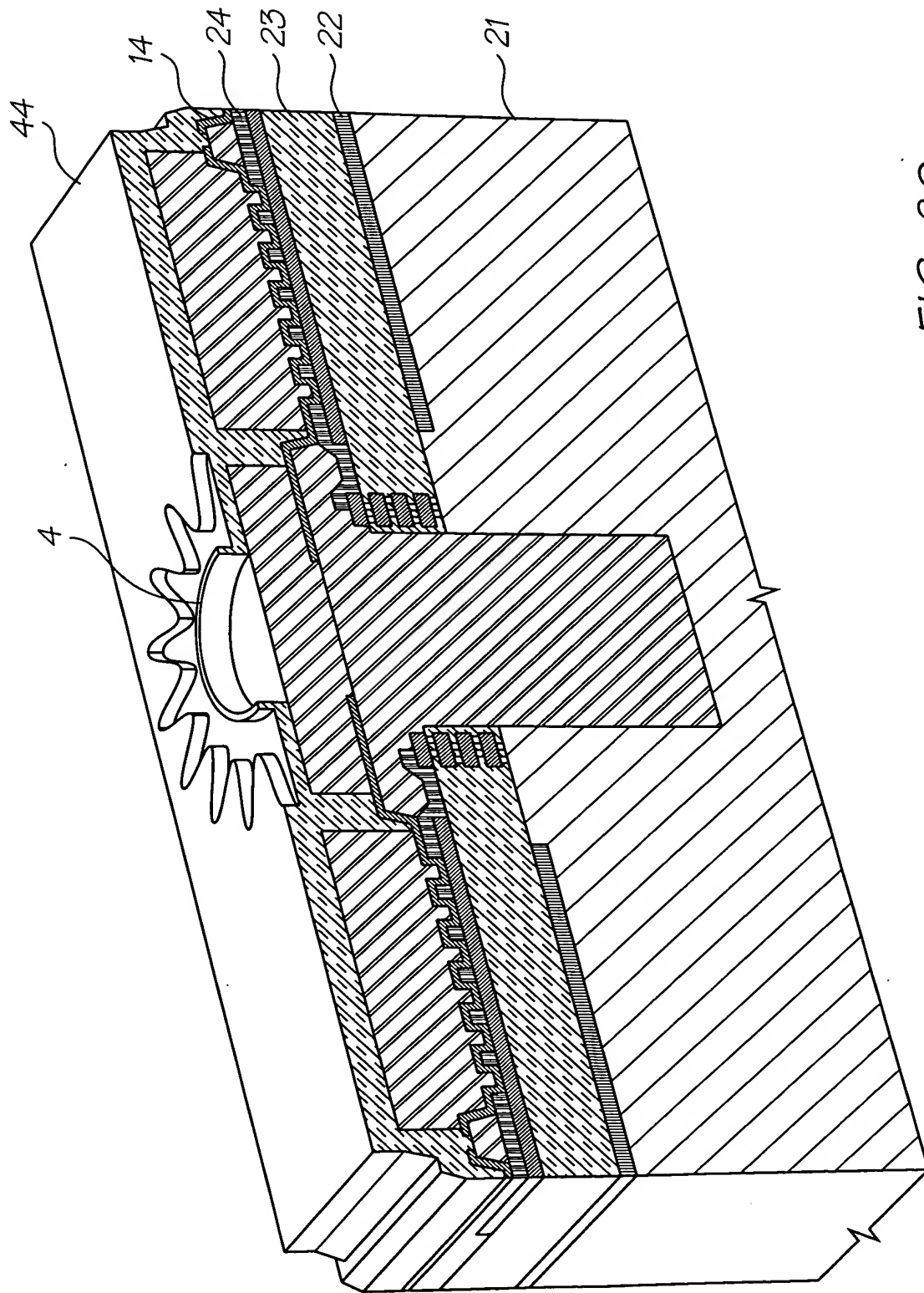


FIG. 89

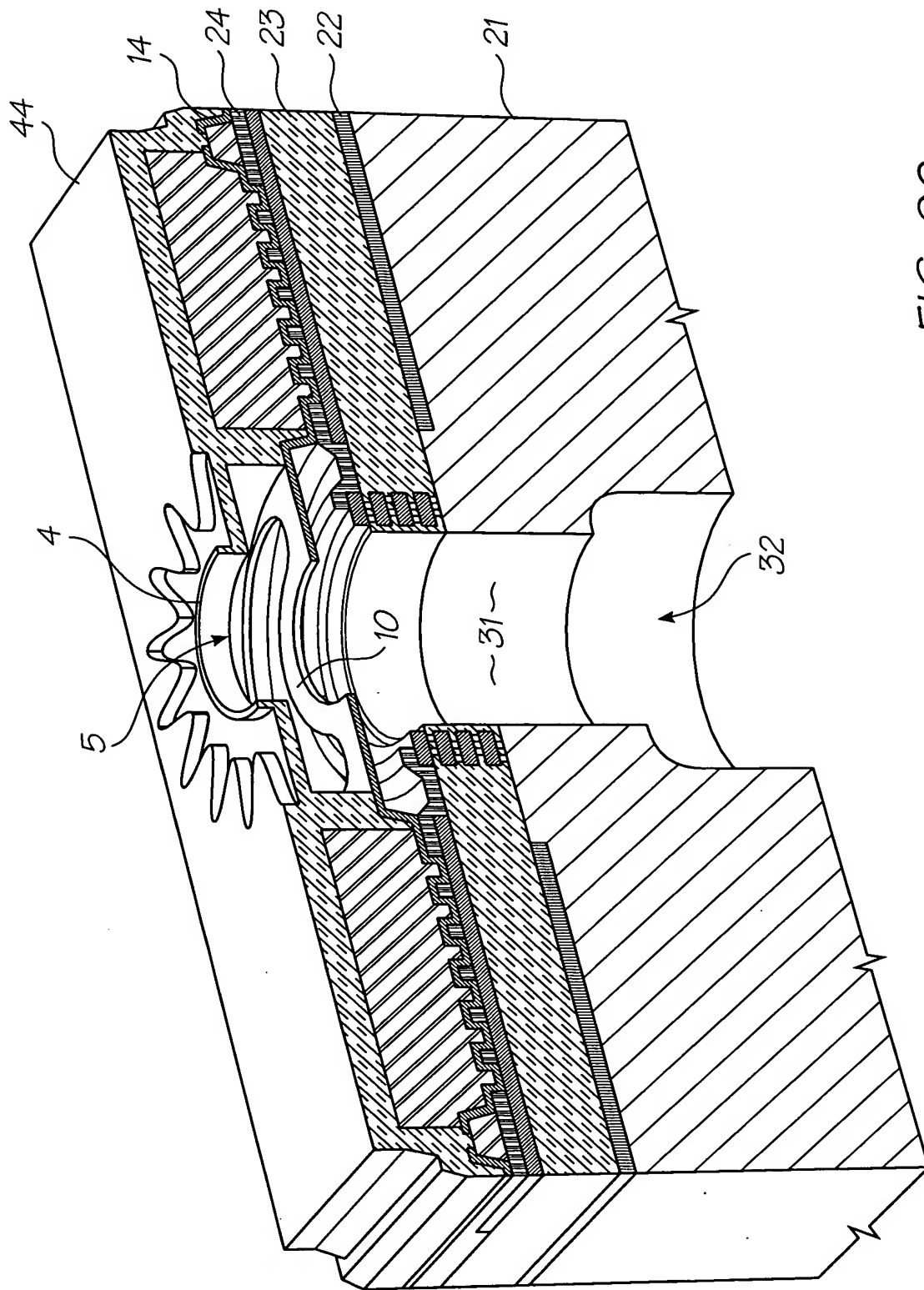
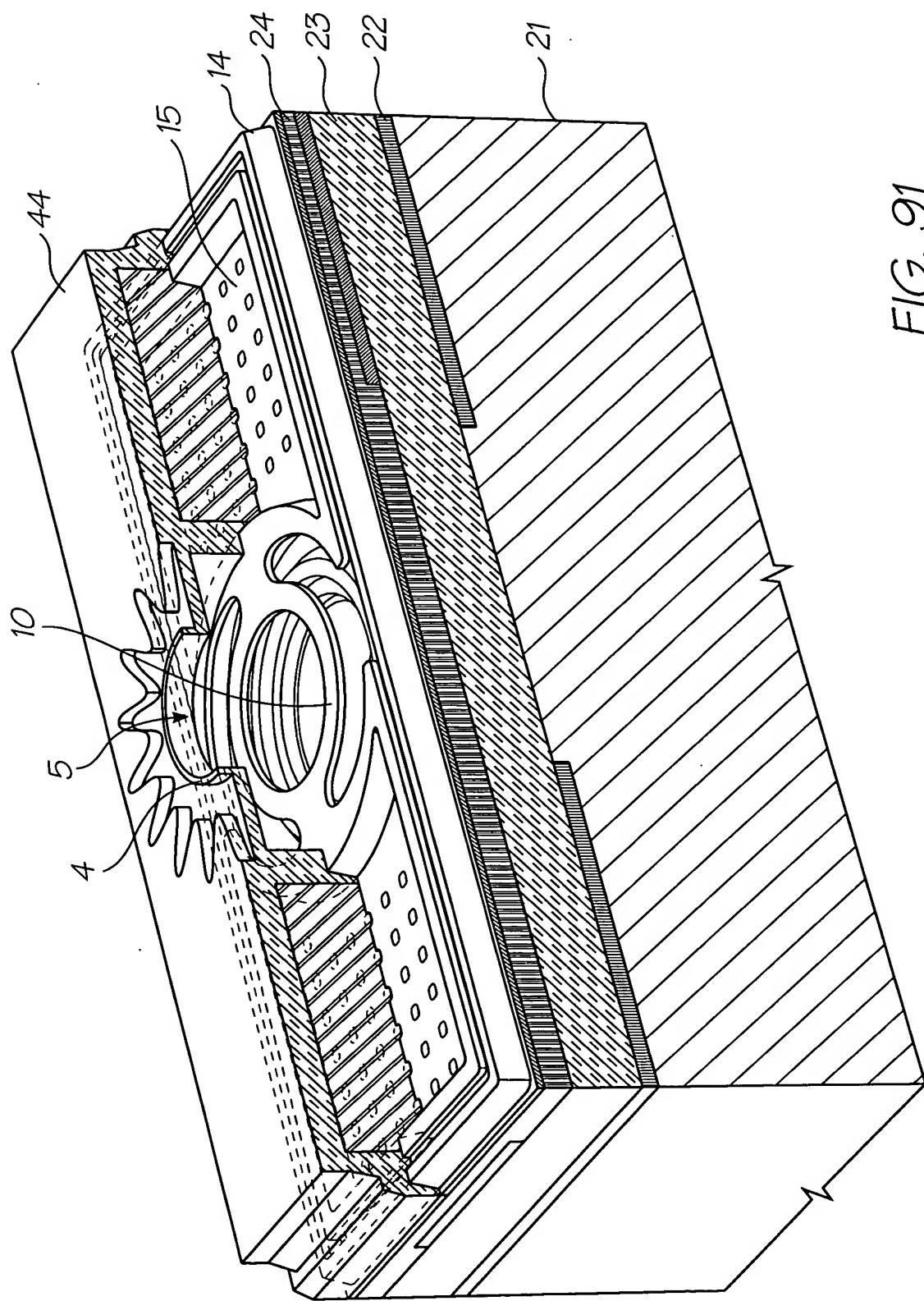


FIG. 90



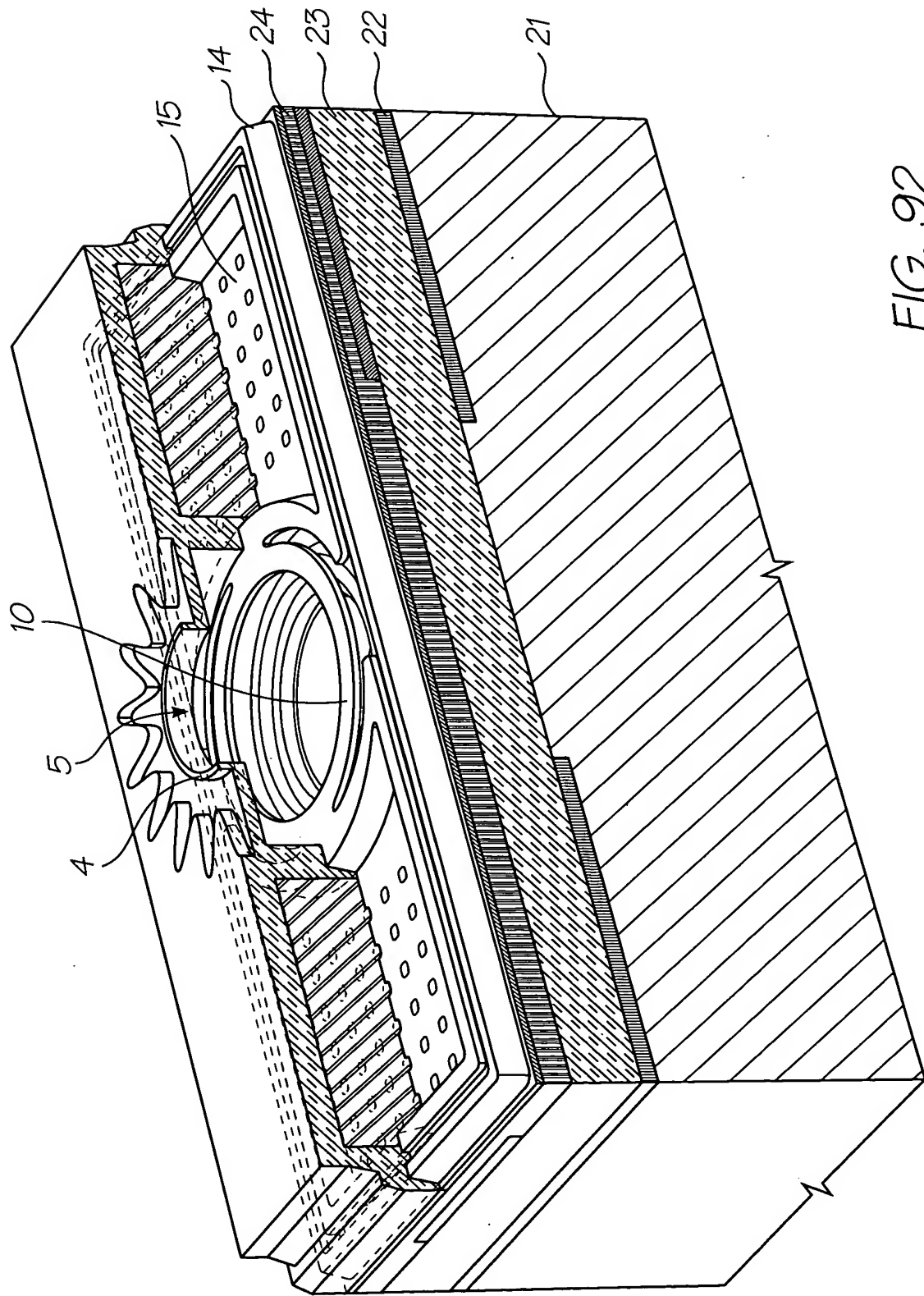


FIG. 92

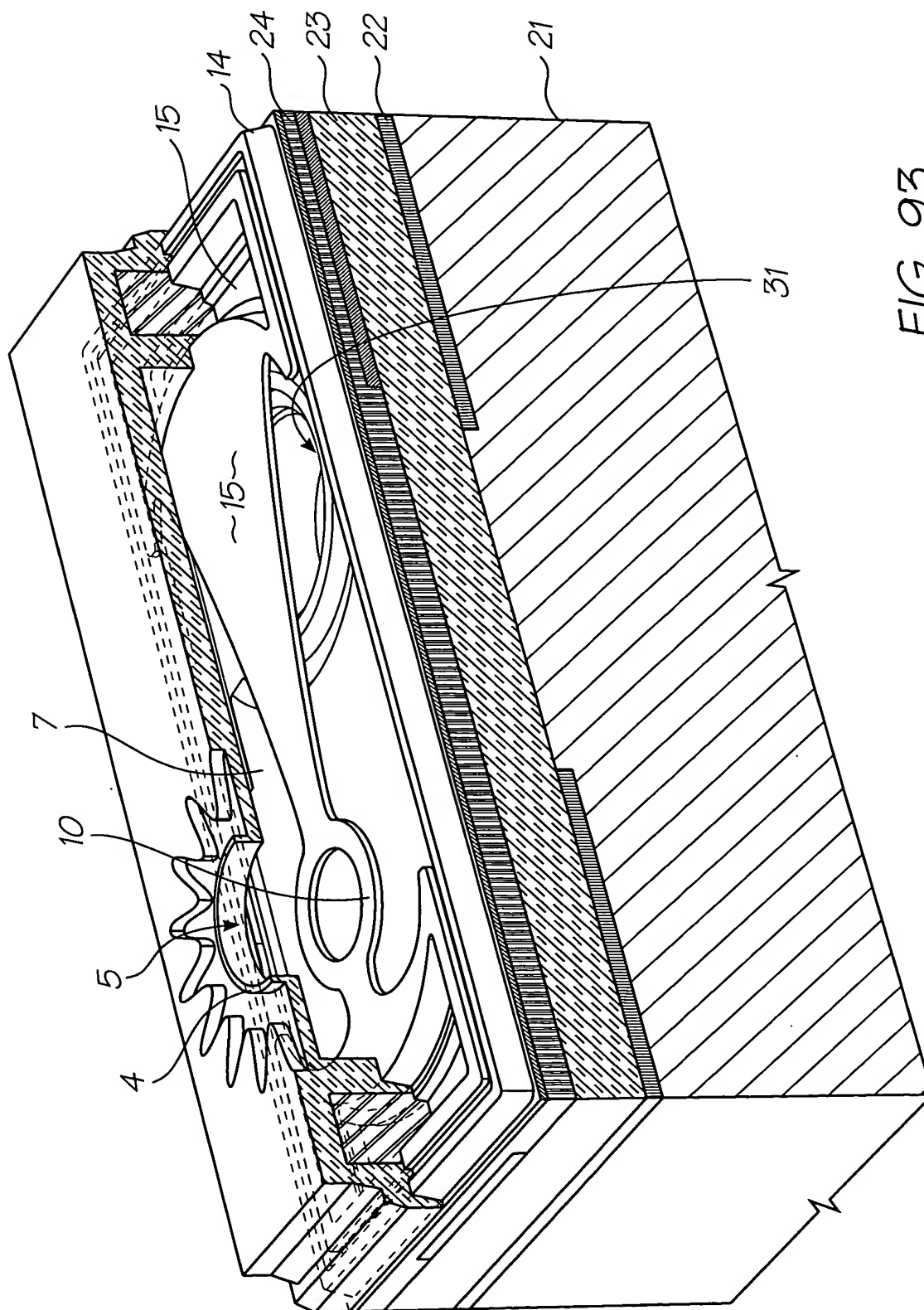


FIG. 93

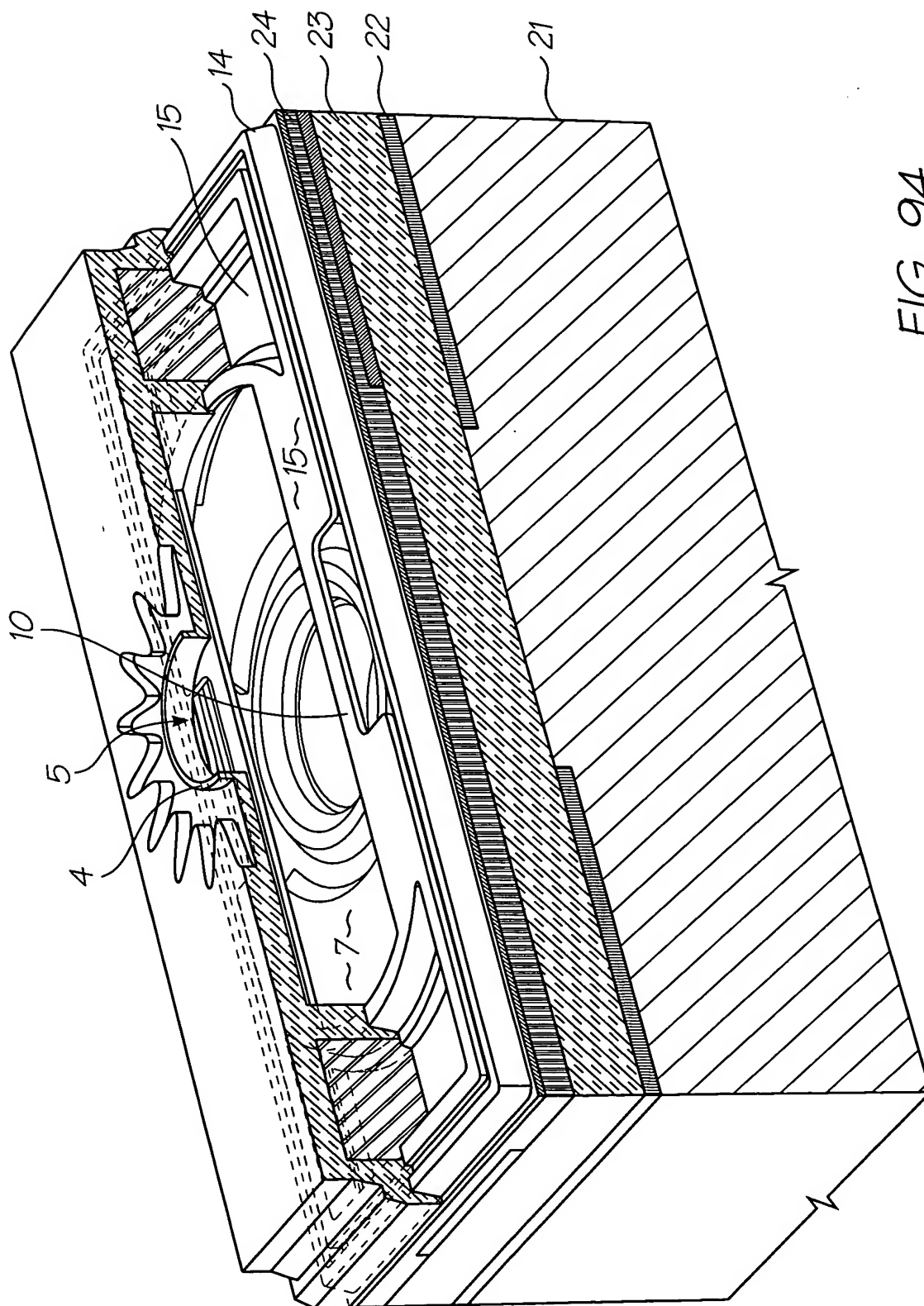


FIG. 94